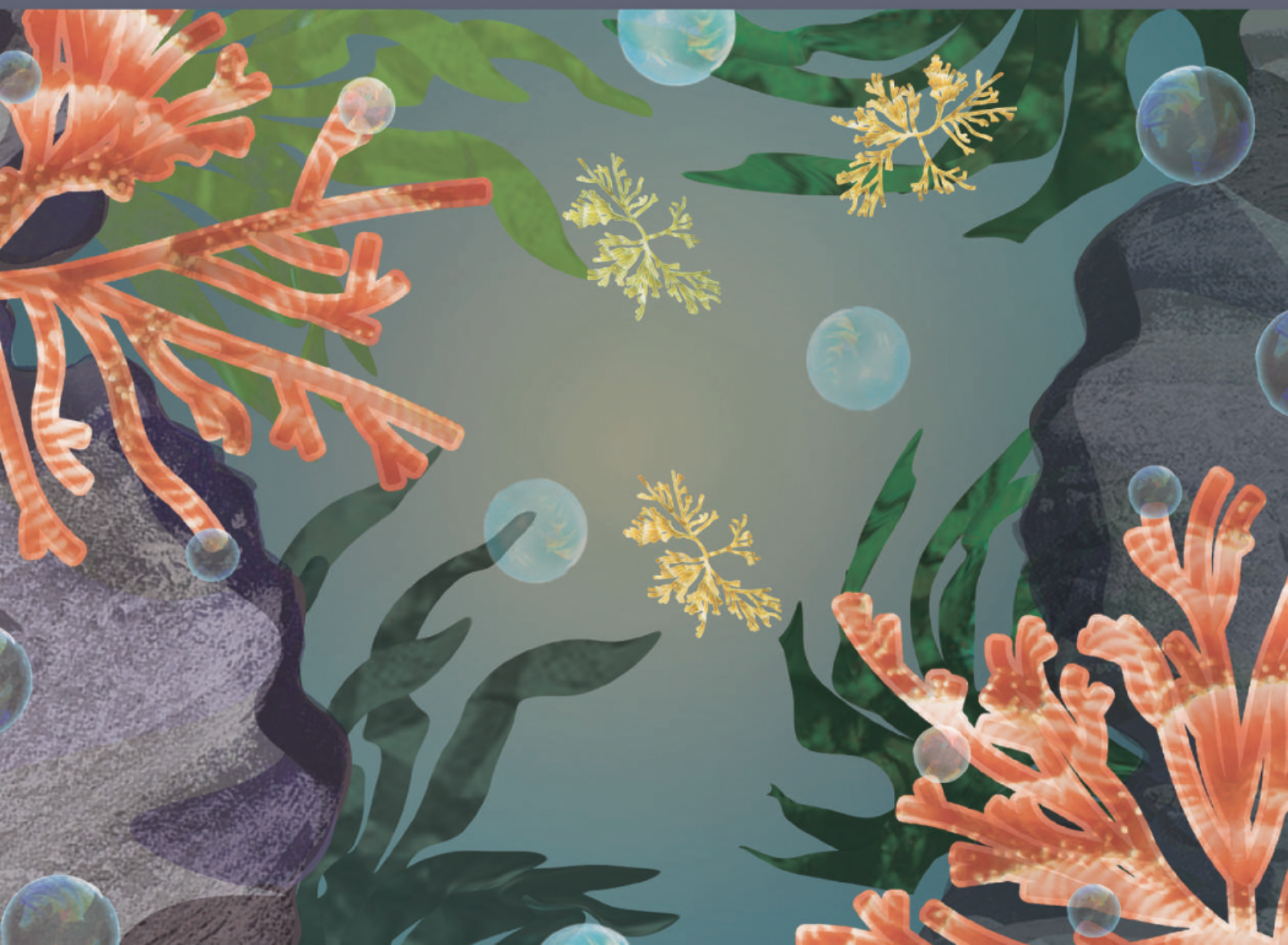
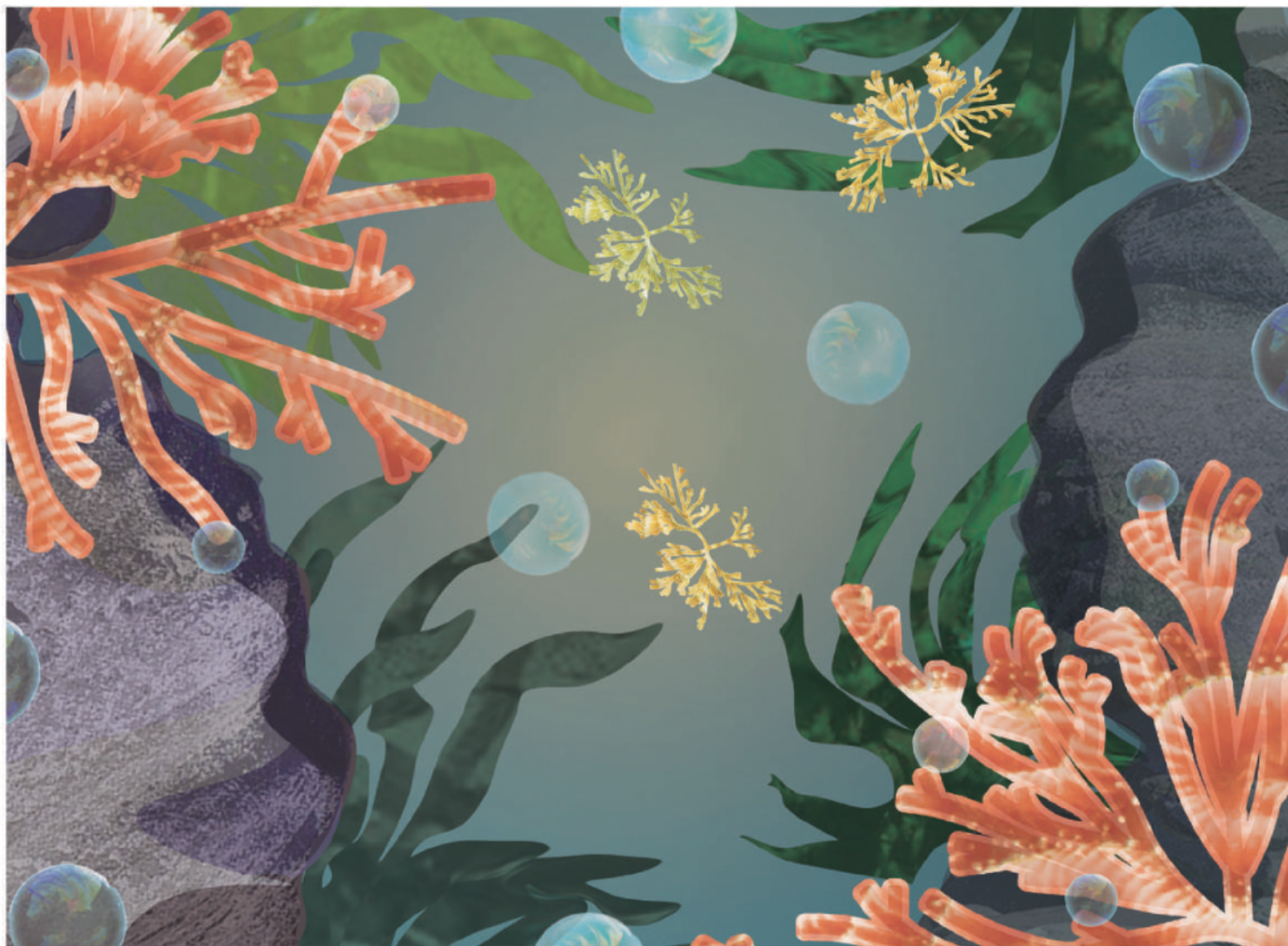


BPS KINASES

Assay Kits | Active Enzymes | Substrates | Inhibitors

PHOSPHORYLATION,
SIGNAL TRANSDUCTION,
CELL DIVISION & MODIFICATION





Explore Cellular Functions

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BPS Bioscience Advantages

Scientist Founded, Scientist Driven



Produced In-house

- Made in the USA at our San Diego, California laboratory
- Get customized, personal support directly from the source



Expansive Portfolio

- Active kinase complexes: MTOR, >10 PI3 complexes, AMPK subunits, and more
- Active kinase mutants: TRK mutants, LRRK2 mutants, JAK2 mutants, cKit mutants, and >35 EGFR mutants
- >40 activity assay kits



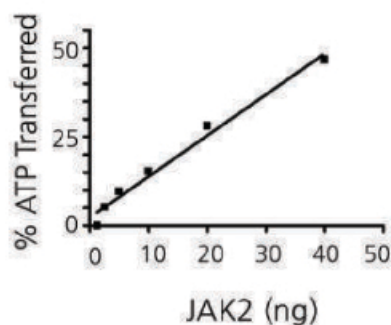
Protein Expression & Screening Services

- Unique panel of 50+ assays for evaluation of lead compounds
- Select from IC50 determination and single point concentrations
- Perform follow up studies using the same proteins manufactured in-house

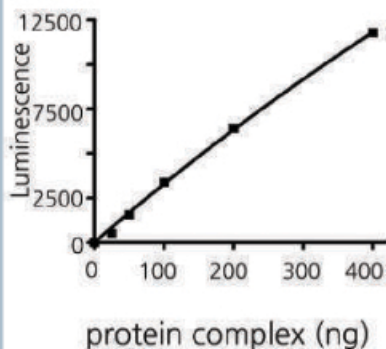
Recombinant Proteins

Highly Pure & Active

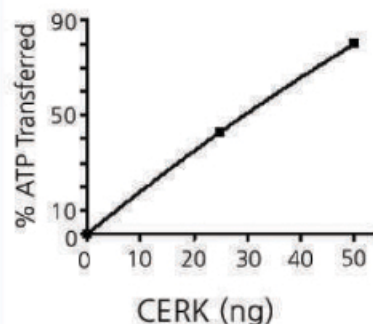
JAK2, His-Tag
(JH1 Domain)
Specific Activity



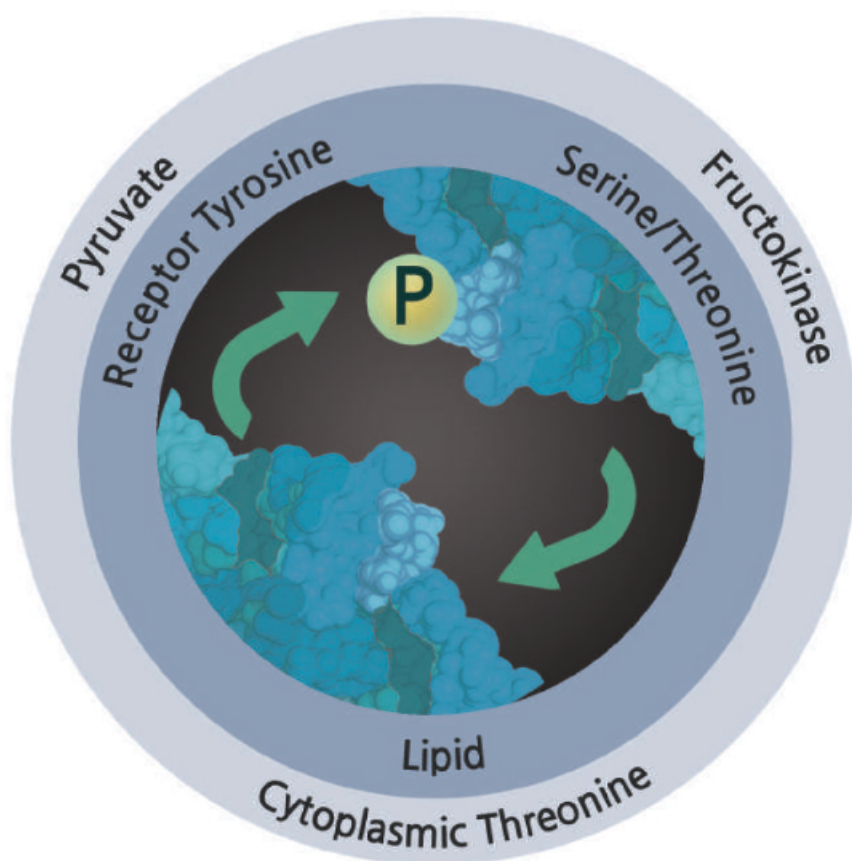
LKB1/MO25/STRAD
Complex Specific Activity



Ceramide Kinase
FLAG-Tag,
Specific Activity



- Targets from six families: lipid, receptor tyrosine, serine threonine, cytoplasmic threonine, pyruvate, and fructokinase
- Targets from seven sub-families: AGCm, CAMP, CK1, CMGC, STE, TKL, and atypical
- Substrates and inhibitors also available
- Active kinase mutants: TRK, LRRK2, JAK2, cKit, and >35 EGFR mutants
- Active kinase complexes: >10 PI3 complexes, AMPK subunits, and more
- Bulk production projects available upon request



Assay Kits

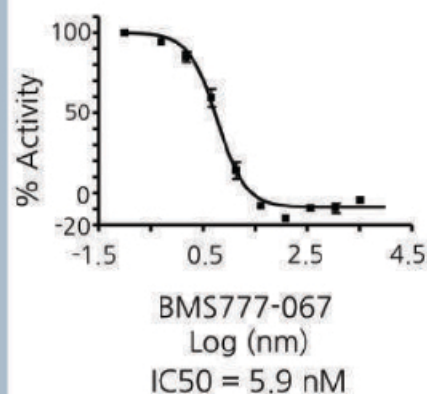
Biochemical Kits

Our assay kits are offered in four key formats. Through orthogonal testing, you can confirm results which are closer to the target's physiological conditions. Test your target in the assay kits which best fit your research needs, or have us develop a custom assay for you.

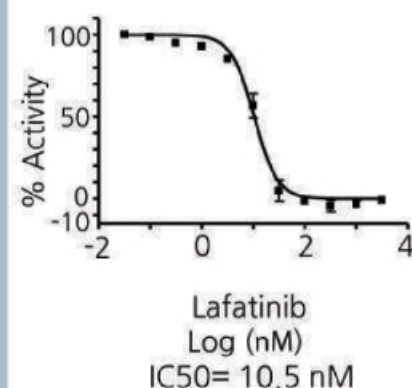
AlphaScreen
Chemiluminescent
Fluorescence-Polarization
TR-FRET

■ ■ ■ ■ ■	Study enzyme kinetics
■ ■ ■ ■ ■	Screen small molecule inhibitors
■ ■ ■ ■ ■	Sensitive and robust
■ ■ ■ ■ ■	Binding assay kits
■ ■ ■ ■ ■	Enzymatic assay kits
■ ■ ■ ■ ■	Low intra and inter assay variability
■ ■ ■ ■ ■	Compatible with broad range of assay conditions
■ ■ ■ ■ ■	Low background signal
■ ■ ■ ■ ■	Useful for orthogonal testing
■ ■ ■ ■ ■	Homogeneous
■ ■ ■ ■ ■	High-throughput screening
■ ■ ■ ■ ■	Broad dynamic range
■ ■ ■ ■ ■	Read time flexibility
■ ■ ■ ■ ■	Long signal stability

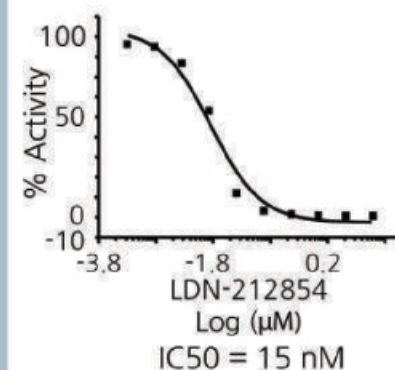
TYRO3 Specific Activity



EGFR Specific Activity



ALK1 Specific Activity



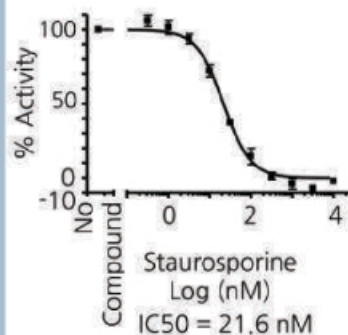
Screening & Profiling

Biochemical Screening Services

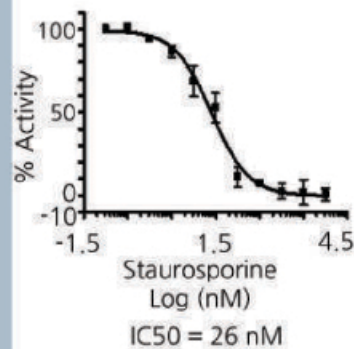
Expand Your Drug Discovery Program

- Screen for inhibitors/targets
- Choose from >60 kinase targets for screening
- Select from IC₅₀ determination and single point concentrations
- Receive data 2-3 weeks from compound submission
- Perform follow-up studies using the same soluble receptors manufactured in-house
- Get questions answered or project guidance in a time-efficient manner

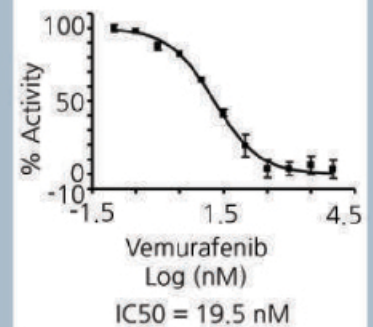
HER2 Specific Activity



BTK Specific Activity



BRAF (V600E) Specific Activity



Kinase Assay Kits

Product Listing

Kinase Assay Kits	Catalog#	Size	Kinase Assay Kits	Catalog#	Size
5X Raf Substrate	79569	1 ml	FGFR4 Assay Kit	79807	96 reactions
ABL (T315I) Assay Kit	79576	96 reactions	FLT1 Kinase Assay Kit	78019	96 reactions
AKT1 Assay Kit	78038	96 reactions	FLT3 Kinase Assay Kit	79797	96 reactions
ALK1 Kinase Assay Kit	79549	96 reactions	FYN Assay Kit	78003	96 reactions
ALK2 Kinase Assay Kit	79605	96 Reactions	GSK3 α Assay Kit	79698	96 reactions
ATP (500 μ M)	79686	200 μ l	GSK3 β Assay Kit	79700	96 reactions
AXL Kinase Assay Kit	79711	96 reactions	HER2 Kinase Assay Kit	40721	96 reactions
BRAF (V600E) Kinase Assay Kit	48688	96 reactions	HER4 Assay Kit	78005	96 reactions
BTK Assay Kit	79568	96 reactions	HPK1 Assay Kit	79775	96 reactions
c-Mer Kinase Assay Kit	79660	96 Reactions	JAK1 (Janus Kinase 1) Assay Kit	79518	96 reactions
c-Met 14 Del Kinase Assay Kit	79930	96 reactions	JAK2 (Janus Kinase 2) Assay Kit	79520	96 reactions
c-Met Exon 14 Del Kinase Assay Kit	79559	96 reactions	JAK2 JH2 Pseudokinase Domain Inhibitor Screening Assay Kit	78111	384 reactions
c-Raf Kinase Assay Kit	79570	96 rxns	JAK3 (Janus Kinase 3) Assay Kit	79521	96 reactions
CDK1 Assay Kit	79597	96 Reactions	Kinase Buffer 1	79334	10 ml
CDK2 Assay Kit	79599	96 Reactions	LCK Assay Kit	79794	96 reactions
CDK4 Assay Kit	79674	96 Reactions	MNK1 Kinase Assay Kit	78032	96 reactions
CDK5 Assay Kit	79600	96 Reactions	NEK6 Kinase Assay Kit	79992	96 reactions
CDK7 Assay Kit	79603	96 Reactions	PDGFR α (D842I) Assay Kit	79761	96 reactions
CDK9 Assay Kit	79628	96 Reactions	PDGFR α (D842V) Assay Kit	79828	96 reactions
cKIT (D816V) Assay Kit	79889	96 reactions	PDGFR α (D842Y) Assay Kit	79760	96 reactions
cKIT (V654A) Assay Kit	79890	96 reactions	PI3K α (p110 α /p85) Assay Kit	79781	96 reactions
cKIT Assay Kit	79815	96 Reactions	PI3K β (p110 β /p85 α) Assay Kit	79802	96 reactions
EGFR (T790M/C797S/ L858R) Kinase Assay Kit	40326	96 reactions	PI3K γ (p110 γ /PIK3R5) Assay Kit	79803	96 reactions
EGFR Kinase Assay Kit	40321	96 reactions	PIM1 Assay Kit	79885	96 reactions
EGFR(L858R) Kinase Assay Kit	40324	96 reactions	PIM3 Assay Kit	79886	96 reactions
EGFR(T790M) Kinase Assay Kit	40323	96 reactions	RET Assay Kit	79566	96 reactions
EGFR(T790M/L858R) Kinase Assay Kit	40322	96 reactions	RIPK1 Kinase (Mouse) Assay Kit	79897	96 reactions
EPHA2 Assay Kit	78002	96 reactions	RIPK1 Kinase Assay Kit	79560	96 Reactions
EPHB4 Kinase Assay Kit	78009	96 reactions	RIPK1 Kinase Assay Kit (384-well)	79689	384 reactions
FAK Kinase Assay Kit	40722	96 reactions	RIPK2 Kinase Assay Kit	79737	96 reactions
FGFR2 Assay Kit	79804	96 reactions	SPHK1 Assay Kit	78026	96 reactions
FGFR3 (L496V) Assay Kit	79818	96 reactions	SRC Assay Kit	79680	96 Reactions
FGFR3 (V443L) Assay Kit	79819	96 reactions	SYK Assay Kit	79671	96 Reactions
FGFR3 (V443M) Assay Kit	79817	96 reactions	TAK1-TAB1 Kinase Assay Kit	78037	96 reactions

Kinase Assay Kits, Kinase Cell Lines, Lipid Kinase, Kinase Receptor Tyrosine

Product Listing

Kinase Assay Kits	Catalog#	Size
TrkA Assay Kit	79548	96 reactions
TYK2 (Tyrosine Kinase 2) Assay Kit	79527	96 reactions
TYK2 JH2 Pseudokinase Domain Inhibitor Screening Assay Kit	78107	384 reactions
TYR Phosphorylation Assay Kit	79502	96 reactions
TYRO3 Kinase Assay Kit	79593	96 reactions
VEGFR2 (KDR) Kinase Assay Kit	40325	96 reactions
VEGFR3(FLT4) Kinase Assay Kit	79738	96 reactions
Wee1 Assay Kit	79909	96 reactions
YES1 Assay Kit	79681	96 Reactions

Kinase Cell Lines	Catalog#	Size
CSF1R / SRE - Reporter HEK293 Recombinant Cell Line	79380	2 Vials
Human EGFRvIII- CHO K1 Recombinant Cell Line (High or Low Expression)	78145	2 vials
ROR1 CHO Recombinant Cell Line	79609	2 Vials
TrkA / SRE Reporter - HEK293 Recombinant Cell Line	79798	2 vials
VEGFR2 / NFAT Reporter - HEK293 Recombinant Cell Line	79387	2 Vials

Lipid Kinase	Catalog#	Size
Ceramide Kinase, FLAG-tag	40617	10 µg
CERK, FLAG-Tag (Mouse)	79413	10 µg
CERK, FLAG-Tag (Rat)	79414	10 µg
IP6K2, Biotin-labeled, His-tag, Avi-tag	40643	10 µg
IP6K2, FLAG-His-tags	40642	20 µg
Mouse Sphingosine kinase 1a, His-tag	40613	10 µg
Mouse Sphingosine kinase 2, His-tag	40614	10 µg
p85α, His-tag	40630	100 µg
PI3 Kinase (p110α/p55γ), His-Tag	40645	10 µg
PI3 kinase (p110α/p85α)	40621	20 µg
PI3 kinase (p110α/p85α)	40620	20 µg
PI3 kinase (p110β/p85α), FLAG-tag	40622	20 µg
PI3 kinase (p110γ/PIK3R5) complex, His-tag, GST-tag	40626	20 µg
PI3 kinase (p110δ/p85α)	40628	20 µg
PI3 kinase (p120γ), His-tag	40625	20 µg
PI3 kinase p110α (N345K)/p85α	40646	10 µg

Lipid Kinase	Catalog#	Size
PI3 kinase p110α(E545K)/p85α	40640	20 µg
PI3 kinase p110α(H1047R)/p85α	40641	20 µg
PI3 Kinase [p110α (E545K)/p85α], His-Tag	40644	10 µg
PIP5K1A, GST-tag	40305	10 µg
Sphingosine kinase 1, His-tag	40610	20 µg
Sphingosine kinase 2 (long), His-tag	40612	10 µg
Sphingosine kinase 2, His-tag	40611	20 µg
Sphingosine-1-phosphate lyase1, His-tag	50300	10 µg
VPS34, FLAG-tag	40690	20 µg

Kinase Receptor Tyrosine	Catalog#	Size
Abl Kinase Mutant (T315I), His-tag	40415	10 µg
Abl Kinase, His-tag	40411	10 µg
ABL2, His-tag	40417	10 µg
ACK1, GST-tag	40400	10 µg
ALK , GST-tag	40214	10 µg
ALK1, GST-tag	40018	10 µg
ALK2 (R206H), GST-Tag	100714	10 µg
ALK2, FLAG-Tag, Avi-Tag, Biotin-Labeled	100176	10 µg
ALK2, GST-tag	40019	10 µg
ALK4, GST-tag	40020	10 µg
AXL, FLAG-Tag	100174	10 µg
Axl, GST-tag	40180	10 µg
BLK, GST-tag	40401	10 µg
BMX, GST-tag	40402	10 µg
BRK, GST-tag	40403	10 µg
BTK(C481F), His-Tag	101040	10 µg
BTK(C481R), His-Tag	101041	10 µg
BTK(C481S), His-Tag	101039	10 µg
BTK(P190K), His-Tag	101042	10 µg
BTK(T474I), His-Tag	101045	10 µg
BTK(Y485F), His-Tag	101046	10 µg
BTK, GST-tag	40405	10 µg
c-Mer, GST-tag (Human)	40254	10 µg

Kinase Receptor Tyrosine

Product Listing

Kinase Receptor Tyrosine	Catalog#	Size	Kinase Receptor Tyrosine	Catalog#	Size
c-MET (del 963-1009), GST-tag	100643	10 µg	EGFR, DEL 752-759, GST-Tag	79440	10 µg
c-Met, GST-tag	40255	10 µg	EGFR, His-tag, GST-tag	40187	10 µg
cKit (D816V), His-tag	40252	10 µg	EGFR, INS A763-FHEA-Y764, GST-Tag	79427	10 µg
cKit (V560G), His-tag	40253	10 µg	EGFR, INS D770-GF-N771, GST-Tag	79443	10 µg
cKit (V654A), His-tag	40251	10 µg	EGFR, INS D770-NPG-N771, GST-Tag	79444	10 µg
cKit, His-tag	40250	10 µg	EGFR, INS H773-AH-V774, GST-Tag	79448	10 µg
CSK, GST-His-Th-Tag	40410	10 µg	EGFR, INS P772-NPH-H773, GST-Tag	79452	10 µg
DDR1, GST-tag	40184	10 µg	EPHA1, GST-tag	40191	10 µg
DDR2, GST-tag	40185	10 µg	EPHA2, His-tag	40190	10 µg
EGFR (A750P), DEL 747-749, GST-Tag	79437	10 µg	EPHA3, GST-tag	40192	10 µg
EGFR (C775S T790M L858R), DEL 746-750, GST-Tag	79431	10 µg	EPHA4, GST-tag	40193	10 µg
EGFR (C775S T790M L858R), GST-Tag	79428	10 µg	EPHA6, GST-tag	40194	10 µg
EGFR (C797A), DEL 746-750, GST-Tag	79432	10 µg	EPHB2, His-tag	40200	10 µg
EGFR (C797A), GST-Tag	79454	10 µg	EPHB3, GST-tag	40186	10 µg
EGFR (C797S) GST-Tag	79430	10 µg	EPHB4, His-tag	40201	10 µg
EGFR (C797S), DEL 746-750, GST-Tag	79433	10 µg	EPOR-(GSSG)6- JAK2(V617F, Y1007F, Y1008F)	100713	10 µg
EGFR (D761Y), GST-Tag	79441	10 µg	FAK, GST-tag	40420	10 µg
EGFR (D770GY), GST-Tag	79442	10 µg	FES, His-FLAG-tag	40425	10 µg
EGFR (G719C), GST-Tag	79445	10 µg	FGFR1, Avi-His-Tag, Biotin-labeled (Dephosphorylated)	100692	25 µg 50 µg
EGFR (G719D), GST-Tag	79446	10 µg	FGFR3 (397-806(end)) (K650M) His-Tag (Dephosphorylated)	100909	10 µg
EGFR (G719S), GST-Tag	79447	10 µg	FGFR3 (397-806(end)), His-Avi-Tag, Biotin-labeled	100918	10 µg
EGFR (L747S), GST-Tag	79450	10 µg	FGFR3 (447-761) (K650M), His-Tag (Dephosphorylated)	100783	10 µg
EGFR (L858R), GST-tag	40189	10 µg	FGFR3 (447-761), His-Avi-Tag, Biotin-labeled	100613	10 µg
EGFR (L861Q), GST-Tag	79451	10 µg	FGFR3 (K650E), His-Tag (Dephosphorylated)	100782	10 µg
EGFR (P753S), DEL 747-752, GST-Tag	79439	10 µg	FGFR3 (L496V), His-Tag	100142	10 µg
EGFR (T790M C797S), DEL 746-750, GST-Tag	79434	10 µg	FGFR3 (N540K) His-Tag (Dephosphorylated)	100907	10 µg
EGFR (T790M C797S), GST-Tag	79453	10 µg	FGFR3 (N540K) His-Tag (Dephosphorylated), Biotin-Labeled	100921	10 µg
EGFR (T790M L858R), DEL 746-750, GST-Tag	79435	10 µg	FGFR3 (V443L), His-Tag	100138	10 µg
EGFR (T790M L978I), DEL 746-750, GST-Tag	79436	10 µg	FGFR3 (V443M), His-Tag	100140	10 µg
EGFR (T790M), His-tag, GST-tag	40188	10 µg	FGFR3 (V555F), His-Tag (Dephosphorylated)	100657	10 µg
EGFR (T790M, C797S, L858R), His-Tag, GST-tag	40351	10 µg	FGR, GST-tag	40422	10 µg
EGFR (T790M, L858R), GST-tag, His-tag	40350	10 µg	FRK, GST-tag	40424	10 µg
EGFR Kinase Assay Kit	40321	96 reactions	HCK, GST-tag	40440	10 µg
EGFR, DEL 747-749, GST-Tag	79438	10 µg	HER2, GST-tag	40230	10 µg

Kinase Receptor Tyrosine

Product Listing

Kinase Receptor Tyrosine	Catalog#	Size
HER4, GST-tag	40232	10 µg
Human IGFBP-3	90165-B	25 µg
Human IGFBP-3	90165-A	5 µg
IGF-1R, GST-tag	40240	10 µg
Insulin receptor (INSR), GST-tag	40241	10 µg
ITK, GST-tag	40445	10 µg
JAK1, GST-tag	40449	10 µg
JAK2 (JH1 domain), His-tag	40450	20 µg
JAK2 (JH1, JH2 domain), GST-Tag, Avi-Tag, Biotin (Dephosphorylated)	79495	10 µg
JAK2 (JH1, JH2 domain), His-GST-tags	40451	20 µg
JAK2 (JH2 Domain) (E596A, V617F, W659A, W777A, F794H), His-Tag	100122	20 µg
JAK2 (JH2 Domain) (V617F, W659A, W777A, F794H), His-Tag	100124	20 µg
JAK2 (JH2 Domain) (W659A, W777A, F794H), His-Tag	100123	20 µg
JAK2 (JH2 Domain), His-Avi-Tag, Biotin-Labeled	79074	10 µg
JAK2 (V617F) (JH1, JH2 Domain), GST-Tag	79382	20 µg
JAK2 (V617F) (JH1, JH2 Domain), GST-Tag, Avi-Tag, Biotin-Labeled (Dephosphorylated)	79115	10 µg
JAK2 (V617F) (JH2 Domain), His-Avi-Tag, Biotin-Labeled	79075	10 µg
JAK2 (V617F), FLAG-Avi-Tag, Biotin-Labeled (Dephosphorylated)	79426	10 µg
Jak2 (V617F, W659A, W777A, F794H), His-Avi-Tag, Biotin-Labeled	79498	10 µg
JAK2 (V617F, Y1007F, Y1008F)-(GSSG)8-EPOR	100709	10 µg
JAK2 (W659A, W777A, F794H) (JH2 Domain), His-Avi-Tag, Biotin	79463	10 µg
JAK2, FLAG-Avi-Tag, Biotin-Labeled (Dephosphorylated)	79493	10 µg
JAK3, His-tag	40452	20 µg
LCK, GST-tag	40470	10 µg
LYNB, GST-tag	40472	10 µg
MLCK, GST-tag	40127	10 µg
Mouse EGFR, FLAG-tag	40195	10 µg
Mouse EPHB1, GST-tag	40199	10 µg
Mouse ITK, GST-tag	40446	10 µg
Neuropilin-1, Avi-His-Tag	100870	100 µg
Neuropilin-1, Avi-His-Tag, Biotin-labeled, HiP™	100911	25 µg 50 µg
PDGF-BB	90800-1	10 µg
PDGF-BB	90800-3	1000 µg
PDGF-BB	90800-2	100 µg

Kinase Receptor Tyrosine	Catalog#	Size
PDGFRa, GST-tag	40261	10 µg
PDGFRa, Mouse, GST-tag	40260	10 µg
PDGFRα (D842V), GST-Tag	79633	10 µg
PDGFRα (D842Y), GST-Tag	100201	10 µg
PDGFRβ, His-tag	40263	10 µg
PYK2, His-tag	40480	10 µg
Rat ITK, GST-tag	40447	10 µg
ROR1 CHO Recombinant Cell Line	79609	2 Vials
ROR1, Fc-Fusion (IgG1), Avi-Tag	79481	100 µg 1 mg
ROR1, Fc-Fusion (IgG1), Avi-Tag, Biotin-Labeled	79482	50 µg
ROR1, Fc-Fusion (IgG1)-Avi-Tag, PE-labeled	100995	50 µg 1 mg
ROR1, GST-tag	40396	10 µg
ROR2, Fc-Fusion (IgG1), Avi-Tag HiP™	100029	100 µg
ROR2, Fc-Fusion (IgG1), Avi-Tag, Biotin-Labeled HiP™	100046	50 µg
ROR2, GST-tag	40296	10 µg
SRC, GST-tag	40483	10 µg
SRC, His-tag	40484	10 µg
SYK, Catalytic, GST-tag	40487	10 µg
SYK, Full length, GST-tag	40485	10 µg
Tie2, GST-tag	40370	10 µg
Tie2, His-tag	40270	10 µg
TNK1, GST-Th-Tag	80019	100 µg
TPM3-TRKA Mutant, GST-Tag	79080	10 µg
TRKA, GST-tag	40280	10 µg
TRKC (G623E) Mutant, Active)	40204	10 µg
TRKC (G623R L686M), Mutant, Active	40215	10 µg
TRKC (G623R) Mutant, Active)	40203	10 µg
TRKC (L686M), Mutant, Active	40216	10 µg
TYK2 (JH2 domain), FLAG-Tag	100523	20 µg
VEGFR2 (KDR) Kinase Assay Kit	40325	96 reactions
VEGFR2 (KDR), GST-tag	40301	10 µg
VEGFR2 / NFAT Reporter - HEK293 Recombinant Cell Line	79387	2 Vials
VEGFR3 (Flt4), GST-tag	40302	10 µg
ZAP70, GST-tag	40490	10 µg

Serine-Threonine Kinases

Product Listing

Serine-Threonine Kinases	Catalog #	Size	Serine-Threonine Kinases	Catalog #	Size
ALK4, GST-tag	40020	10 µg	CAMK2γ, GST-tag	40042	10 µg
AMPK (A1/B1/G1), His-tags	40025	10 µg	CAMK2δ, GST-tag	40043	10 µg
AMPK (A1/B1/G2), His-tag	40701	5 µg	CAMK4, GST-tag	40029	10 µg
AMPK (A1/B1/G2), His-tags	40021	10 µg	CAMKK1, GST-tag	40044	10 µg
AMPK (A1/B1/G3), His-tag	40702	5 µg	CAMKK2, GST-tag	40046	10 µg
AMPK (A1/B1/G3), His-tags	40022	10 µg	CDK1/CyclinA2, GST-tag	40100	10 µg
AMPK (A1/B2/G1), His-tag	40703	5 µg	CDK1/CyclinB1, GST-tag	40454	10 µg
AMPK (A1/B2/G1), His-tags	40023	10 µg	CDK11A/CyclinD3, GST-tags	100595	20 µg
AMPK (A2/ B1/G1), His-tag	40704	5 µg	CDK12/Cyclin K, GST-tags	100597	20 µg
AMPK (A2/B1/G1), His-tags	40024	10 µg	CDK13/Cyclin K, GST-tag	100599	20 µg
AMPK (A2/B2/G1), His-tag	40705	5 µg	CDK14/Cyclin Y, GST-tag	100602	10 µg
AMPK (A2/B2/G1), His-tags	40026	10 µg	CDK16/Cyclin Y, GST-tags	100604	10 µg
AMPK (A2/B2/G2), His-tag	40706	5 µg	CDK17/Cyclin Y, GST-tags	100606	10 µg
AMPK (A2/B2/G2), His-tags	40027	10 µg	CDK18/Cyclin Y, GST-tags	100608	10 µg
aRAF, His-tag	40010	10 µg	CDK19/Cyclin C, GST-tags	100593	20 µg
Ask1, GST-tag	40028	10 µg	CDK2 (no tag)/CyclinA2, His-GST-tags	41101	10 µg
Aurora A Protein Kinase, His-Tag (HEK293-derived)	100112	10 µg	CDK2/CyclinA2, GST-tag	40101	10 µg
Aurora A Protein Kinase, His-Tag (Sf9-derived)	40004	10 µg	CDK2/CyclinE1, GST-tag	40102	10 µg
AURORA C, GST-tag	40178	10 µg	CDK20, GST-tag (mouse)	100609	20 µg
Aurora Kinase B, GST-tag, His-tag	40002	10 µg	CDK3/CyclinE1, GST-tag	40103	10 µg
BRAF (V600E), GST-His-tag	40533	10 µg	CDK4(EE,T172A)/Cyclin D1, His-tag	40094	20 µg
BRAF, GST-tag	40065	10 µg	CDK4, FLAG-Tag	100052	20 µg
BRAF, His-Tag (High Expression)	41237	10 µg	CDK4/CyclinD3, GST-His-Tag	40104	10 µg
BRAF/p50, FLAG-tag	40005	10 µg	CDK5/p25, GST-tag	40105	10 µg
BRSK2, His-tag	40016	10 µg	CDK5/p35, GST-tag	40095	10 µg
c-RAF(Y340D, Y341D), GST-Tag	40008	10 µg	CDK6, His-Tag	100031	20 µg
CAMK1, Mouse, GST-tag	40030	10 µg	CDK6/CyclinD1, His-tag, GST-tag	40097	10 µg
CAMK1β, Mouse, GST-tag	40031	10 µg	CDK6/CyclinD3, His-tags	40206	20 µg
CAMK1γ, GST-tag	40032	10 µg	CDK7/CyclinH1/MNAT1, His-tags	40098	10 µg
CAMK1γ, GST-tag	40036	10 µg	CDK8/Cyclin C, GST-tags	100433	20 µg
CAMK1δ, GST-tag	40037	10 µg	CDK9/CyclinK, GST-tag	40106	10 µg
CAMK2δ, GST-tag	41109	10 µg	CDK9/CyclinT1, GST-tag	40307	10 µg
CAMK2α, GST-tag	40038	10 µg	CHK1, GST-tag	40039	10 µg
CAMK2β, His-tag, GST-tag	40041	10 µg	CHK2, His-tag	40040	10 µg

Serine-Threonine Kinases

Product Listing

Serine-Threonine Kinases	Catalog #	Size	Serine-Threonine Kinases	Catalog #	Size
CK1 alpha, GST-Tag	79346	10 µg	IRAK2, GST-tag	40087	10 µg
CK1 delta, GST-Tag	79347	10 µg	IRAK4, GST-tag	40064	10 µg
CK1 epsilon, GST-Tag	79349	10 µg	JNK1-β1(K55M), Kinase Deficient, GST-tag	40871	100 µg
CK1 gamma, GST-Tag	79348	10 µg	JNK2, GST-tag	40113	10 µg
DAPK1, GST-tag	40051	10 µg	KHS1 (GCKR), GST-tag	40115	10 µg
DAPK2, GST-tag	40049	10 µg	LATS2, GST-Tag	100353	20 µg
DAPK3, GST-tag	40052	10 µg	LKB1/MO25/STRAD Complex	40069	20 µg
DCAMKL1, GST-tag	40047	10 µg	Lok1 (Stk10), His-tag	40074	10 µg
DCAMKL2, GST-tag	40048	10 µg	LRRK2 (D1994A), GST-Tag	40831	10 µg
DLK, GST-Tag	79345	50 µg	LRRK2 (G2019S), GST-Tag	40832	10 µg
DYRK1B, GST-tag	100646	10 µg	LRRK2 (G2385R), GST-Tag	40833	10 µg
EEF2K, GST-tag	40057	10 µg	LRRK2 (I2020T), GST-Tag	40834	10 µg
EIF2AK2, GST-tag	40058	10 µg	LRRK2 (R1441C), GST-Tag	40835	10 µg
EIF2AK3, GST-tag	40059	10 µg	LRRK2 (R1441G), GST-Tag	40836	10 µg
ERK3, GST-Tag	100366	10 µg	LRRK2 (R1441H), GST-Tag	40837	10 µg
ERK4, GST-Tag	100363	20 µg	LRRK2 (Y1699C), GST-Tag	40838	10 µg
ERK7, GST-Tag (Mouse)	100365	10 µg	LRRK2 (Y1699G), GST-Tag	40839	10 µg
ERN1 (IRE1), GST-tag	40306	10 µg	LRRK2, GST-Tag	40842	10 µg
GCK (MAP4K2), GST-tag	40107	10 µg	MAP4K3 (GLK), GST-tag	100624	5 µg
GRK2, GST-tag	40060	10 µg	MAPK10 (JNK3), GST-tag	40092	10 µg
GRK5, GST-tag	40063	10 µg	MAPK14, Inactive, GST-tag	40091	100 µg
GRK6, GST-tag	40066	10 µg	MAPKAPK2, His-tag	40116	10 µg
GRK7, GST-tag	40108	10 µg	MAPKAPK2, Inactive, GST-tag	40088	100 µg
GSK3α	40006	10 µg	MAPKAPK3, GST-tag	40117	10 µg
GSK3β, GST-tag, His-tag	40007	10 µg	MAPKAPK5, GST-tag	40118	10 µg
GSKα, GST-Tag, His-tag	100814	10 µg	MARK1, GST-tag	40119	10 µg
HGK (MAP4K4), GST-tag	40109	10 µg	MARK3, GST-tag	40120	10 µg
HIPK1, GST-tag	40179	10 µg	MEK1 (K97R), Inactive, His-tag	40075	100 µg
HIPK3, His-tag	40110	10 µg	MEK1, GST-tag	40123	10 µg
HIPK4, GST-tag	40111	10 µg	MEK1, Non-activated, GST-tag	40531	50 µg
Human IRE1, His-Avi-tag	40709	10 µg	MEK2, GST-tag	40125	10 µg
ICK, GST-tag	40112	10 µg	MEKK2, GST-tag	40122	10 µg
IKKβ, GST-tag	40304	10 µg	MEKK3, GST-tag	40124	10 µg
IRAK1, His-tag	40202	10 µg	MINK1, GST-tag	40126	10 µg

Serine-Threonine Kinases

Product Listing

Serine-Threonine Kinases	Catalog #	Size	Serine-Threonine Kinases	Catalog #	Size
MLCK, GST-tag	40127	10 µg	PKCδ, GST-tag	40080	10 µg
MNK1 (T385D), GST-tag	40078	10 µg	PKCε, GST-tag	100927	10 µg
MNK2, GST-tag	40128	10 µg	PHKG1, GST-tag	40150	10 µg
Mouse AURORA A, GST-tag	40177	10 µg	PHKG2, GST-tag	40151	10 µg
Mouse MEK1 (EE), GST-tag	40121	10 µg	PIM1, GST-tag	41107	10 µg
MSSK1 (SRPK3), GST-tag	40132	10 µg	PIM2, GST-tag	40153	10 µg
MST3, GST-tag	40133	10 µg	PIM3, Active, GST-tag	41108	10 µg
MST4, GST-tag	40134	10 µg	PKAα, GST-tag	40154	10 µg
mTOR/Raptor/mLST8 Complex, FLAG-tag, His-tag (Human)	40300	10 µg	PKAβ, GST-tag	40155	10 µg
MUSK, His-tag	40079	10 µg	PKAγ, GST-tag	40156	10 µg
MYLK2, His-tag	40135	10 µg	PKAα, His-Tag	79044	10 µg
MYLK3, GST-tag	40136	10 µg	PKC ι/λ, GST-tag	40015	10 µg
MYO3β, GST-tag	40137	10 µg	PKCα (PKCalpha), GST-tag	40157	10 µg
MYT1, GST-tag	100686	20 µg 50 µg	PKCβ I (PKCbeta1), GST-tag	40158	10 µg
NDR, GST-tag	40138	10 µg	PKCβ II (PKCbeta2), GST-tag	40159	10 µg
NEK11, GST-tag	40139	10 µg	PKCδ (PKCdelta), GST-tag	40161	10 µg
NEK2	40009	10 µg	PKCε (PKCepsilon), GST-tag	40162	10 µg
NEK3, GST-tag	40140	10 µg	PKCη (PKCeta), GST-tag	40164	10 µg
NEK6, His-tag	40014	10 µg	PKCγ (PKCgamma), GST-tag	40160	10 µg
NEK7, GST-tag	40141	10 µg	PKCμ (PKCmu), GST-tag	40166	10 µg
NEK7, His-Tag	100476	10 µg	PKCν (PKCnu), GST-tag	40167	10 µg
NEK9, GST-tag	40142	10 µg	PKCθ (PKCtheta), GST-tag	40165	10 µg
p38α, GST-tag	40070	10 µg	PKCζ (PKCzeta), GST-tag	40163	10 µg
p38β, GST-tag	40143	10 µg	PKN1 (PRK1), GST-Tag	79678	10 µg
p38γ (p38gamma), GST-tag	40144	10 µg	PKN2 (PRK2), GST-tag	40169	10 µg
p38δ (p38delta), GST-tag	40145	10 µg	PLK1 Polo Box Domain, GST-tag	50301	100 µg
p70S6K (S6K1), GST-tag	40062	20 µg	PLK1, His-tag	40033	10 µg
p70S6Kb, GST-tag	40146	10 µg	PLK2, GST-tag	40034	10 µg
PAK1	40072	10 µg	PLK3 Polo Box Domain, MBP-tag, His-tag	50302	100 µg
PAK2	40073	10 µg	PLK3, His-tag	40035	10 µg
PAK4	40076	10 µg	PLK4, GST-tag	40236	10 µg
PAK5, His-tag	40077	10 µg	PRKG1, GST-tag	40175	10 µg
PAK6, His-tag	40081	10 µg	PRKG2, GST-tag	40170	10 µg
PDGFRα (D842I), GST-Tag	100202	10 µg	PRKX, GST-tag	40171	10 µg

Serine-Threonine Kinases, Kinase Inhibitors

Product Listing

Serine-Threonine Kinases	Catalog #	Size
RBD-c-RAF, GST-tag	100519	100 µg 1 mg
RIPK1, GST-Tag (Mouse)	100340	10 µg
RIPK1, GST-Th-Tag	40371	10 µg
RIPK2, GST-tag	40173	10 µg
RIPK3, GST-Tag	79710	10 µg
RIPK4, GST-Tag	79712	10 µg
RIPK5, GST-Tag	79713	10 µg
ROCK1, GST-tag	40085	10 µg
ROCK2, GST-tag	40086	10 µg
RSK1, GST-tag	40172	10 µg
RSK2, GST-tag	40181	10 µg
RSK3, GST-tag	40182	10 µg
RSK4, GST-tag	40183	10 µg
SGK1, GST-tag	40271	10 µg
SGK2, GST-tag	40272	10 µg
SGK3, GST-tag	40273	10 µg
SIK (SNF1LK), His-tag	40274	10 µg
SIK2, GST-tag	40264	10 µg
SOK1, GST-tag	40276	10 µg
SRPK1, GST-tag	40277	10 µg
SRPK2, GST-tag	40278	10 µg
STK19, GST-Tag	100910	10 µg
TAK1-TAB1, GST-tag	40279	10 µg
TAOK1, GST-tag	40283	10 µg
TAOK2, GST-tag	40284	10 µg
TGFβR1, Fc Fusion (IgG1) Avi-Tag, Biotin Labeled	100645	25 µg 50 µg
TGFβR1, Fc fusion, Avi-Tag	100644	20 µg
TGFβR2, Fc Fusion, Avi-tag	100628	100 µg
TGFβR2, Fc Fusion, Avi-tag (Mouse)	100676	100 µg
TGFβR2, Fc Fusion, Avi-tag, Biotin-labeled (Mouse)	100677	25 µg 50 µg
TGFβR2, Fc Fusion, Avi-tag, Biotin-labeled HiP™	100629	25 µg 50 µg
TLK2, GST-tag	40287	10 µg
TNIK, GST-Tag	79304	10 µg
TTBK1, GST-Tag, His-Tag	40309	10 µg

Serine-Threonine Kinases	Catalog #	Size
UBE2E3 (UBCH9), His-Tag	79371	20 µg
UBE2G1 (UBC7), His-Tag	79372	20 µg
UBE2K (UBC1), His-Tag	79373	20 µg
UBE2O, GST-Tag	79374	20 µg
ULK1, FLAG-tag	40099	10 µg
ULK2, GST-tag	40294	10 µg
ULK3, His-tag	40295	10 µg
VRK1, GST-tag	40397	10 µg
Wee1, FLAG-Tag	100154	10 µg
Wee1, GST-Th-Tag	40412	10 µg
WNK1, GST-Tag	100971	10 µg
WNK2, GST-Tag	100972	10 µg
WNK3, GST-Tag	100973	10 µg
WNK4, GST-Tag (Mouse)	100974	10 µg
ZAK, GST-tag (Variant 2)	40297	10 µg

Kinase Inhibitors	Catalog #	Size
A-769662	27057	10 mg
Afatinib	27009	10 mg
Axitinib	27064	50 mg
Cediranib	27036	5 mg
CHIR-99021 (CT99021)	27614-3	100 mg
CHIR-99021 (CT99021)	27614-2	25 mg
CHIR-99021 (CT99021) HCl	27615-2	5 mg
CHIR-99021 (CT99021) HCl	27615-3	100 mg
Doramapimod	27034	25 mg
Fasudil	27029	250 mg
GDC-0941	27000	25 mg
Gefitinib	27032	1 g
Geldanamycin	27008	10 µl
HA-1077	27030	250 mg
K252a	27033	5 mg
LY-294002	27038	50 mg
PD 173074	27056	5 mg

Kinase Inhibitors, Kinase Substrates

Product Listing

Kinase Inhibitors	Catalog #	Size	Kinase Substrates	Catalog #	Size
PI-103	27502-1	5 mg	eIF4E, GST-tag	40530	100 µg
PI-103	27502-2	25 mg	EIF4EBP1, His-tag	40510	100 µg
PP242	27063	10 mg	Histone H3, Full Length, His-tag	52027	100 µg
Rapamycin	27062	50 mg	Histone H3, Full Length, His-tag	52023	1 mg
Ruxolitinib, Phosphate	27059	10 mg	Human/Mouse ERK2 (K52R), Inactive, His-tag	40056	100 µg
SGI-1776 free base	27651-2	10 mg	IRS1-tide	79519	500 µg
SGI-1776 free base	27651-3	50 mg	JNK1-β1(K55M), Kinase Deficient, GST-tag	40871	100 µg
SGI-1776 free base	27651-1	5 mg	LAT, His-tag (Human)	71188	20 µg
SMI-4a	27774-1	10 mg	MAPK14, Inactive, GST-tag	40091	100 µg
SMI-4a	27774-2	50 mg	MBP, His-tag	40535	100 µg
Sorafenib Tosylate	27014	500 mg	MEK1 (K97R), Inactive, His-tag	40075	100 µg
Staurosporine	27002	1 mg	Mouse LC20, GST-tag	50127	20 µg
Temsirolimus	27024	10 mg	p53, GST-tag	40511	20 µg
Tofacitinib	27037	25 mg	PI-3 Kinase Lipid Substrate	40560	1 mg
U0126	27012	25 mg	RB, GST-tag	40595	200 µg
Wortmannin	27031	10 mg	STAT5 Peptide	79864	500 µg
Roscovotine	27040	10 mg			

Kinase Substrates	Catalog #	Size
14-3-3 alpha/beta Protein, His-tag (Human)	79023	20 µg
14-3-3 alpha/beta Protein, His-tag (Mouse)	79024	20 µg
14-3-3 epsilon Protein, His-tag (Human)	79025	20 µg
14-3-3 epsilon Protein, His-tag (Mouse)	79026	20 µg
14-3-3 sigma Protein, His-tag (Human)	79037	20 µg
14-3-3 theta Protein, His-tag (Human)	79038	20 µg
14-3-3 zeta Protein, His-tag (Human)	79039	20 µg
14-3-3 zeta Protein, His-tag (Mouse)	79040	20 µg
AKT1, Inactive, His-tag	40000	100 µg
ATF2, GST-tag	40520	1 mg
c-Myc, His-tag	40453	100 µg
Calmodulin, His-tag	81152	50 µg
CERK Substrate	40619	300 reactions
CERK Substrate	40618	150 reactions
Cofilin 1, GST-tag	40525	200 µg



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