

Product list of recombinant protein kinases for activity assays

Kinase Name (ProQinase)	Product Number	HGNC Name	Additional Synonyms
ABL1 E255K	0924-0000-1	ABL1	ABL; JTK7; p150; c-ABL; v-abl
ABL1 G250E	0925-0000-1	ABL1	ABL; JTK7; p150; c-ABL; v-abl
ABL1 T315I	0700-0000-1	ABL1	ABL; JTK7; p150; c-ABL; v-abl
ABL1 wt	0168-0000-1	ABL1	ABL; JTK7; p150; c-ABL; v-abl
ABL1 Y253F	0927-0000-1	ABL1	ABL; JTK7; p150; c-ABL; v-abl
ACK1	0493-0000-1	TNK2	p21cdc42Hs; Activated CDC42 kinase 1
ACV-R1	0372-0000-1	ACVR1	ACTRI; ACVRLK2; ALK2; SKR1
AKT1	0132-0000-2	AKT1	PKB; RAC; PRKBA; RAC-ALPHA
AKT2	0276-0000-2	AKT2	PRKBB; PKBBETA; RAC-BETA
AKT3	0436-0000-2	AKT3	PKBG; PRKBG; STK-2; RAC-gamma; RAC-PK-gamma
AMPK-alpha1	0289-0000-1	PRKAA1	MGC33776; MGC57364
ARK5	0300-0000-1	NUAK1	KIAA0537
Aurora-A	0166-0000-1	AURKA	AIK; ARK1; AURA; BTAK; STK15; MGC34538; STK6
Aurora-B	0190-0000-1	AURKB	AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; STK12
Aurora-C	0315-0000-1	AURKC	AIE2; AIK3; STK13
AXL	0525-0000-1	AXL	EC; UFO
B-RAF V600E	0404-0000-1	BRAF	B-Raf; B-raf-1; BRAF1; RAFB1
B-RAF wt	0403-0000-1	BRAF	B-Raf; B-raf-1; BRAF1; RAFB1
BLK	0448-0000-1	BLK	n/a
BRK	0181-0000-1	PTK6	n/a
CDC42BPB	0382-0000-1	CDC42BPB	MRCK-beta, MRCKb
CDK1/CycA	0134-0054-1	CDC2	p34
CDK1/CycB1	0134-0135-1	CDC2	p34
CDK1/CycE	0134-0055-1	CDC2	p34
CDK2/CycA	0050-0054-1	CDK2	p33(CDK2)
CDK2/CycE	0050-0055-1	CDK2	p33(CDK2)
CDK3/CycE	0212-0055-1	CDK3	n/a
CDK4/CycD1	0142-0143-1	CDK4	CMM3; PSK-J3; MGC14458
CDK4/CycD3	0142-0373-1	CDK4	CMM3; PSK-J3; MGC14458
CDK5/p25NCK	0356-0389-1	CDK5	PSSALRE
CDK5/p35NCK	0356-0355-1	CDK5	PSSALRE
CDK6/CycD1	0051-0143-1	CDK6	PLSTIRE; MGC59692
CDK7/CycH/MAT1	0366-0360-4	CDK7	CAK1; CDKN7; STK1; p39MO15
CDK8/CycC	0376-0390-1	CDK8	K35
CDK9/CycT	0371-0345-1	CDK9	C-2k; CDC2L4K35; PITALRE; TAK

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CHK1	0282-0000-1	CHEK1	n/a
CK1-alpha1	0406-0000-1	CSNK1A1	CK1; HLCDGP1; PRO2975
CK2-alpha1	0124-0000-1	CSNK2A1	CKII; CK2A1
CK2-alpha2	0412-0000-1	CSNK2A2	n/a
CLK1	0447-0000-1	CLK1	CLK; CLK/STY
CLK3	0921-0000-1	CLK3	clk3; CDC-like kinase 3
COT	0180-0000-1	MAP3K8	EST; ESTF; TPL2; Tpl-2; c-COT
CSF1-R	0512-0000-1	CSF1R	C-FMS; CD115; CSFR; FIM2
CSK	0266-0000-1	CSK	n/a
DAPK1	0332-0000-1	DAPK1	n/a
DDR2	0771-0000-1	DDR2	NTRKR3; TKT; TYRO10
EGF-R L858R	0724-0000-1	EGFR	ERBB; mENA; ERBB1
EGF-R T790M	0758-0000-1	EGFR	ERBB; mENA; ERBB1
EGF-R T790M/L858R	0725-0000-1	EGFR	ERBB; mENA; ERBB1
EGF-R wt	0102-0000-1	EGFR	ERBB; mENA; ERBB1
EPHA1	0215-0000-1	EPHA1	EPH; EPHT; EPHT1
EPHA2	0368-0000-1	EPHA2	ECK
EPHA3	0351-0000-1	EPHA3	ETK; ETK1; EphA3; HEKECK; HEK4; TYRO4
EPHA4	0334-0000-1	EPHA4	HEK8; SEK; TYRO1
EPHA5	0739-0000-1	EPHA5	CEK7; EHK1; EphA5; HEK7; HGNC:12448; TYRO4
EPHA7	0741-0000-1	EPHA7	EHK3; EphA7; HEK11
EPHB1	0317-0000-1	EPHB1	ELK; NET; Hek6; EPHT2
EPHB2	0194-0000-3	EPHB2	DRT; ERK; Hek5; EPHT3; Tyro5
EPHB3	0231-0000-1	EPHB3	ETK2; HEK2; TYRO6
EPHB4	0178-0000-3	EPHB4	HTK; MYK1; TYRO11
ERBB2	0108-0000-1	ERBB2	NEU; NGL; HER2; TKR1; HER-2
ERBB4	0109-0000-1	ERBB4	n/a
ERK1	0883-0000-1	MAPK3	P44ERK1; P44MAPK; PRKM3
ERK2	0634-0000-7	MAPK1	ERK; ERT1; MAPK2; P42MAPK; PRKM1; PRKM2; p38; p40; p41
FAK	0165-0000-3	PTK2	FADK; FAK1; pp125FAK
FER	0533-0000-1	FER	TYK3
FGF-R1 V561M	0890-0000-1	FGFR1	H2; H3; H4; H5; CEK; FLG; FLT2; KAL2; BFGFR; C-FGR; N-SAM
FGF-R1 wt	0101-0000-1	FGFR1	H2; H3; H4; H5; CEK; FLG; FLT2; KAL2; BFGFR; C-FGR; N-SAM
FGF-R3 wt	0126-0000-1	FGFR3	ACH; CEK2; HSFGR3EX; JTK4
FGF-R4	0127-0000-3	FGFR4	TKF; JTK2; MGC20292
FGR	0234-0000-1	FGR	SRC2; c-fgr; p55c-fgr
FLT3 ITD	0778-0000-1	FLT3	FLK2; STK1; CD135
FLT3 wt	0776-0000-1	FLT3	FLK2; STK1; CD135
FRK	0446-0000-1	FRK	GTK; PTK5; RAK

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FYN	0352-0000-1	FYN	MGC45350; SLK; SYN
GSK3-beta	0310-0000-1	GSK3B	n/a
HCK	0408-0000-1	HCK	JTK9
HIPK3	0936-0000-1	HIPK3	ANPK; DYRK6; FIST; FIST3; PKY; YAK1
HRI	0444-0000-1	EIF2AK1	EIF2AK1
IGF1-R	0179-0000-1	IGF1R	JTK13
IKK-beta	0258-0000-1	IKBKB	IKK2; IKKB; NFKBIKB
IKK-epsilon	0320-0000-1	IKBKE	IKKE; IKKI; IKK-i; KIAA0151
INS-R	0122-0000-1	INSR	n/a
IRAK4	0586-0000-1	IRAK4	REN64; NY-REN-64
ITK	0359-0000-1	ITK	EMT 2; LYK 2; PSCTK2 2; IL2-inducible T-cell kinase
JAK2*	0646-0000-1	JAK2	n/a
JAK3	0354-0000-1	JAK3	JAKL; L-JAK; LJAK
JNK1	0458-0000-1	MAPK8	JNK; JNK1A2; JNK21B1/2; PRKM8; SAPK1
JNK2	0459-0000-1	MAPK9	JNK-55; JNK2A; JNK2ALPHA; JNK2B; JNK2BETA; PRKM9; p54aSAPK
JNK3	0900-0000-1	MAPK10	JNK3A; PRKM10; p493F12; FLJ12099; p54bSAPK
KIT T670I	0759-0000-1	KIT	PBT; SCFR; CD117; cKIT; c-Kit
KIT wt	0177-0000-3	KIT	PBT; SCFR; CD117; cKIT; c-Kit
LCK	0238-0000-1	LCK	n/a
LYN	0358-0000-1	LYN	JTK8
MAPKAPK2	0937-0000-1	MAPKAPK2	n/a
MAPKAPK3	0633-0000-1	MAPKAPK3	3PK; MAPKAP; MAPKAP3
MAPKAPK5	0712-0000-1	MAPKAPK5	PRAK
MARK1	0432-0000-1	MARK1	KIAA1477
MARK3	0433-0000-1	MARK3	CTAK1; KP78; PAR1A
MEK1	0550-0000-3	MAP2K1	MAPKK1; MKK1; PRKMK1
MELK	0662-0000-1	MELK	KIAA0175
MET F1200I	0978-0000-1	MET	HGFR; RCCP2
MET M1250T	0982-0000-1	MET	HGFR; RCCP2
MET wt	0171-0000-1	MET	HGFR; RCCP2
MET Y1230A	0944-0000-1	MET	HGFR; RCCP2
MET Y1230C	0980-0000-1	MET	HGFR; RCCP2
MET Y1230D	0981-0000-1	MET	HGFR; RCCP2
MET Y1230H	0976-0000-1	MET	HGFR; RCCP2
MINK1	0698-0000-1	MINK1	B55; MAP4K6; MGC21111; MINK; ZC3; hMINK; hMINKbeta
MKK6 S207D/T211D	0396-0000-1	MAP2K6	MAPKK6; MEK6; MKK6; PRKMK6; SAPKK3
MST1	0667-0000-1	STK4	DKFZp686A2068; KRS2
MST2	0699-0000-1	STK3	KRS1
MST4	0286-0000-1	MST4	MASK
MUSK	0226-0000-3	MUSK	n/a
MYLK2	0445-0000-1	MYLK2	KMLC; MLCK

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NEK2	0290-0000-1	NEK2	NLK1; HsPK21; HsPK 21
NEK6	0209-0000-1	NEK6	SID6-1512
NEK7	0669-0000-1	NEK7	n/a
NIK	0344-0000-1	MAP3K14	FTDCR1B; HS; HSNIK
NLK	0253-0000-1	NLK	n/a
p38-alpha	0443-0000-3	MAPK14	CSBP; CSBP1; CSBP2; CSPB1; EC 2.7.11.24; EXIP; MXI2; Mxi2; PRKM14; PRKM15; RK; SAPK2A; p38; p38ALPHA
p38-beta	0455-0000-3	MAPK11	P38B; P38BETA2; PRKM11; SAPK2; SAPK2B; p38-2; p38Beta; p38b
p38-delta	0941-0000-1	MAPK13	PRKM13; SAPK4; p38delta
p38-gamma	0958-0000-1	MAPK12	ERK-6; ERK3; ERK5; ERK6; P38GAMMA; PRKM12; SAPK-3; SAPK3; p38gamma
PAK1	0357-0000-1	PAK1	PAKalpha
PAK2	0304-0000-1	PAK2	PAK65; PAKgamma
PAK3	0422-0000-1	PAK3	CDKN1A; MRX30; OPHN3; PAK3beta; bPAK; hPAK3
PAK4	0365-0000-1	PAK4	n/a
PAK6	0423-0000-1	PAK6	PAK5
PAK7	0410-0000-1	PAK7	KIAA1264; MGC26232
PBK	0185-0000-2	PBK	TOPK; SPK; Nori-3; FLJ14385
PCTAIRE1	0189-0000-1	PCTK1	PCTAIRE; PCTGAIRE
PDGFR-alpha	0098-0000-3	PDGFRA	CD140A; PDGFR2
PDGFR-beta	0099-0000-1	PDGFRB	JTK12; PDGFR; CD140B; PDGFR1; PDGF-R-beta
PDK1	0367-0000-1	PDPK1	PkB kinase; MGC20087; MGC35290; PRO0461
PIM1	0186-0000-1	PIM1	PIM
PIM2	0223-0000-1	PIM2	n/a
PKC-alpha	0222-0000-1	PRKCA	PKCA; PRKACA; PKC-alpha
PKC-beta1	0067-0000-1	PRKCB	PKCB; PRKCB; PRKCB2; MGC41878; PKC-beta
PKC-beta2	0116-0000-1	PRKCB	Splicevariante von PRKCB1
PKC-delta	0232-0000-1	PRKCD	MAY1; MGC49908; nPKC-delta
PKC-epsilon	0203-0000-1	PRKCE	PKCE; nPKC-epsilon
PKC-eta	0420-0000-1	PRKCH	PKCL; PKC-L; PRKCL; MGC5363; MGC26269; nPKC-eta
PKC-gamma	0204-0000-1	PRKCG	PKCC; PKCG; SCA14; MGC57564
PKC-iota	0114-0000-1	PRKCI	PKCI; DXS1179E; MGC26534; nPKC-iota
PKC-mu	0115-0000-1	PRKD1	PKD; PKCM; PKC-MU
PKC-nu	0661-0000-1	PRKD3	EPK2; PKC-NU; PKD3; PRKCN; nPKC-NU
PKC-theta	0113-0000-1	PRKCQ	PRKCT; nPKC-theta
PKC-zeta	0117-0000-1	PRKCZ	PKC2

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PLK1	0183-0000-1	PLK1	PLK; STPK13
PLK3	0437-0000-1	PLK3	CNK; FNK; PRK
PRK1	0207-0000-1	PKN1	DBK; PKN; PAK1; PRK1; PRKCL1; MGC46204
PYK2	0363-0000-1	PTK2B	CADTK, CAKB, FADK2; FAK2; PKB; PTK; PYK2; RAFTK; CAK beta
RAF1 Y340D/Y341D	0792-0000-2	RAF1	cRaf
RET	0242-0000-1	RET	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12
RIPK2	0676-0000-1	RIPK2	CARD3; CARDIAK; RICK; RIP2
ROCK2	0347-0000-1	ROCK2	KIAA0619; ROC2
S6K	0318-0000-2	RPS6KB1	S6K1; STK14A
SAK	0306-0000-1	PLK4	SAK; STK18
SGK1	0199-0000-2	SGK1	n/a
SGK3	0198-0000-2	SGK3	CISK; SGK2; SGK3; SGKL
SNARK	0414-0000-1	NUAK2	DKFZp434J037 (predicted protein only!)
SNK	0277-0000-1	PLK2	SNK
SRC	0200-0000-1	SRC	ASV; SRC1; c-SRC; p60-Src
SRPK1	0434-0000-1	SRPK1	SFRSK1
SRPK2	0381-0000-1	SRPK2	SFRSK2
SYK	0244-0000-1	SYK	n/a
TAOK3	0908-0000-1	TAOK3	DKFZp666H245; DPK; JIK; MAP3K18; TAO kinase 3
TBK1	0749-0000-1	TBK1	CDC37; FLJ11330; HSPCA; HSPCB; IKBKG; NAK; T2K; TANK; TRAF2
TGFB-R1	0397-0000-1	TGFBR1	ALK5, ACVRLK4
TIE2	0151-0000-1	TEK	TIE2; VMCM; TIE-2; VMCM1; CD202B
TRK-A	0311-0000-1	NTRK1	CIPA; MTC; TRK
TRK-B	0686-0000-1	NTRK2	n/a
TRK-C	0775-0000-1	NTRK3	n/a
TSF1	0187-0000-1	STK16	KRCT; MPSK; PKL12
TSK2	0220-0000-1	TSSK2	DGS-G; ; SPOGA2; FLJ38613
TTK	0284-0000-1	TTK	ESK; MPS1L1; PYT
TYRO3	0449-0000-1	TYRO3	BYK; Brt; Dtk; Sky; Tif; RSE
VEGF-R1	0097-0000-3	FLT1	FLT; VEGFR1
VEGF-R2	0096-0000-1	KDR	FLK1; VEGFR; VEGFR2
VEGF-R3	0225-0000-2	FLT4	PCL; VEGFR3
VRK1	0302-0000-1	VRK1	n/a
WEE1	0136-0000-1	WEE1	WEE1hu
YES	0362-0000-1	YES1	C-YES; HsT441; P61-YES
ZAP70	0364-0000-1	ZAP70	SRK; STD; TZK; ZAP-70