

ProQinase's Complete List of Recombinant Protein Kinases for in vitro Assay Services

Kinase Name (ProQinase)	HGNC Name		Kinase Name (ProQinase)	HGNC Name
ABL1 E255K	ABL1		MAP3K10	MAP3K10
ABL1 G250E	ABL1		MAP3K11	MAP3K11
ABL1 T315I	ABL1		MAP3K7/MAP3K7IP1	MAP3K7
ABL1 wt	ABL1		MAP3K9	MAP3K9
ABL1 Y253F	ABL1		MAP4K2	MAP4K2
ABL2	ABL2		MAP4K4	MAP4K4
ACK1	TNK2		MAP4K5	MAP4K5
ACV-R1	ACVR1		MAPKAPK2	MAPKAPK2
ACV-R1B	ACVR1B		MAPKAPK3	MAPKAPK3
ACV-RL1	ACVRL1		MAPKAPK5	MAPKAPK5
AKT1	AKT1		MARK1	MARK1
AKT2	AKT2		MARK2	MARK2
AKT3	AKT3		MARK3	MARK3
ALK	ALK		MARK4	MARK4
AMPK-alpha1	PRKAA1		MATK	MATK
ARK5	NUAK1		MEK1	MAP2K1
ASK1	MAP3K5		MEK2	MAP2K2
Aurora-A	AURKA		MEKK2	MAP3K2
Aurora-B	AURKB		MEKK3	MAP3K3
Aurora-C	AURKC		MELK	MELK
AXL	AXL		MERTK	MERTK
B-RAF V600E	BRAF		MET F1200I	MET
B-RAF wt	BRAF		MET M1250T	MET
BLK	BLK		MET wt	MET
BMPR1A	BMPR1A		MET Y1230A	MET
BMX	BMX		MET Y1230C	MET
BRK	PTK6		MET Y1230D	MET
BRSK1	BRSK1		MET Y1230H	MET
BTK	BTK		MINK1	MINK1
CAMK1D	CAMK1D		MKK6 S207D/T211D	MAP2K6
CAMK2A	CAMK2A		MKNK1	MKNK1
CAMK2B	CAMK2B		MKNK2	MKNK2
CAMK2D	CAMK2D		MST1	STK4
CAMK4	CAMK4		MST2	STK3
CAMKK1	CAMKK1		MST3	STK24
CAMKK2	CAMKK2		MST4	MST4
CDC42BPA	CDC42BPA		mTOR	FRAP1
CDC42BPB	CDC42BPB		MUSK	MUSK
CDK1/CycA	CDC2		MYLK	MYLK
CDK1/CycB1	CDC2		MYLK2	MYLK2
CDK1/CycE	CDC2		MYLK3	MYLK3
CDK2/CycA	CDK2		NEK1	NEK1
CDK2/CycE	CDK2		NEK11	NEK11
CDK3/CycE	CDK3		NEK2	NEK2
CDK4/CycD1	CDK4		NEK3	NEK3
CDK4/CycD3	CDK4		NEK4	NEK4

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CDK5/p25NCK	CDK5		NEK6	NEK6
CDK5/p35NCK	CDK5		NEK7	NEK7
CDK6/CycD1	CDK6		NEK9	NEK9
CDK7/CycH/MAT1	CDK7		NIK	MAP3K14
CDK8/CycC	CDK8		NLK	NLK
CDK9/CycK	CDK9		p38-alpha	MAPK14
CDK9/CycT	CDK9		p38-beta	MAPK11
CHK1	CHEK1		p38-delta	MAPK13
CHK2	CHEK2		p38-gamma	MAPK12
CK1-alpha1	CSNK1A1		PAK1	PAK1
CK1-delta	CSNK1D		PAK2	PAK2
CK1-epsilon	CSNK1E		PAK3	PAK3
CK1-gamma1	CSNK1G1		PAK4	PAK4
CK1-gamma2	CSNK1G2		PAK6	PAK6
CK1-gamma3	CSNK1G3		PAK7	PAK7
CK2-alpha1	CSNK2A1		PASK	PASK
CK2-alpha2	CSNK2A2		PBK	PBK
CLK1	CLK1		PCTAIRE1	PCTK1
CLK2	CLK2		PDGFR-alpha D842V	PDGFRA
CLK3	CLK3		PDGFR-alpha T674I	PDGFRA
CLK4	CLK4		PDGFR-alpha V561D	PDGFRA
COT	MAP3K8		PDGFR-alpha wt	PDGFRA
CSF1-R	CSF1R		PDGFR-beta	PDGFRB
CSK	CSK		PDK1	PDPK1
DAPK1	DAPK1		PHKG1	PHKG1
DAPK2	DAPK2		PHKG2	PHKG2
DAPK3	DAPK3		PIM1	PIM1
DCAMKL2	DCLK2		PIM2	PIM2
DDR2	DDR2		PIM3	PIM3
DMPK	DMPK		PKA	PRKACA
DNA-PK	PRKDC		PKC-alpha	PRKCA
DYRK1A	DYRK1A		PKC-beta1	PRKCB
DYRK1B	DYRK1B		PKC-beta2	PRKCB
DYRK3	DYRK3		PKC-delta	PRKCD
DYRK4	DYRK4		PKC-epsilon	PRKCE
EEF2K	EEF2K		PKC-eta	PRKCH
EGF-R L858R	EGFR		PKC-gamma	PRKCG
EGF-R L861Q	EGFR		PKC-iota	PRKCI
EGF-R T790M	EGFR		PKC-mu	PRKD1
EGF-R T790M/L858R	EGFR		PKC-nu	PRKD3
EGF-R wt	EGFR		PKC-theta	PRKCQ
EIF2AK2	EIF2AK2		PKC-zeta	PRKCZ
EIF2AK3	EIF2AK3		PLK1	PLK1
EPHA1	EPHA1		PLK3	PLK3
EPHA2	EPHA2		PRK1	PKN1
EPHA3	EPHA3		PRK2	PKN2
EPHA4	EPHA4		PRKD2	PRKD2
EPHA5	EPHA5		PRKG1	PRKG1
EPHA7	EPHA7		PRKG2	PRKG2

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EPHA8	EPHA8		PRKX	PRKX
EPHB1	EPHB1		PYK2	PTK2B
EPHB2	EPHB2		RAF1 Y340D/Y341D	RAF1
EPHB3	EPHB3		RET V804L	RET
EPHB4	EPHB4		RET wt	RET
ERBB2	ERBB2		RET Y791F	RET
ERBB4	ERBB4		RIPK2	RIPK2
ERK1	MAPK3		RIPK5	DSTYK
ERK2	MAPK1		ROCK1	ROCK1
FAK	PTK2		ROCK2	ROCK2
FER	FER		RON	MST1R
FES	FES		ROS	ROS1
FGF-R1 V561M	FGFR1		RPS6KA1	RPS6KA1
FGF-R1 wt	FGFR1		RPS6KA2	RPS6KA2
FGF-R2	FGFR2		RPS6KA3	RPS6KA3
FGF-R3 K650E	FGFR3		RPS6KA4	RPS6KA4
FGF-R3 wt	FGFR3		RPS6KA5	RPS6KA5
FGF-R4	FGFR4		RPS6KA6	RPS6KA6
FGR	FGR		S6K	RPS6KB1
FLT3 D835Y	FLT3		S6K-beta	RPS6KB2
FLT3 ITD	FLT3		SAK	PLK4
FLT3 wt	FLT3		SGK1	SGK1
FRK	FRK		SGK2	SGK2
FYN	FYN		SGK3	SGK3
GRK2	ADRBK1		SLK	SLK
GRK3	ADRBK2		SNARK	NUAK2
GRK4	GRK4		SNF1LK2	SIK2
GRK5	GRK5		SNK	PLK2
GRK6	GRK6		SRC	SRC
GRK7	GRK7		SRMS	SRMS
GSG2	GSG2		SRPK1	SRPK1
GSK3-alpha	GSK3A		SRPK2	SRPK2
GSK3-beta	GSK3B		STK17A	STK17A
HCK	HCK		STK23	SRPK3
HIPK1	HIPK1		STK25	STK25
HIPK2	HIPK2		STK33	STK33
HIPK3	HIPK3		STK39	STK39
HIPK4	HIPK4		SYK	SYK
HRI	EIF2AK1		TAOK2	TAOK2
IGF1-R	IGF1R		TAOK3	TAOK3
IKK-alpha	CHUK		TBK1	TBK1
IKK-beta	IKBKB		TEC	TEC
IKK-epsilon	IKBKE		TGFB-R1	TGFBR1
INS-R	INSR		TGFB-R2	TGFBR2
INSR-R	INSRR		TIE2	TEK
IRAK1	IRAK1		TRK-A	NTRK1
IRAK4	IRAK4		TRK-B	NTRK2
ITK	ITK		TRK-C	NTRK3
JAK1*	JAK1		TSF1	STK16

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JAK2*	JAK2		TSK2	TSSK2
JAK3	JAK3		TSSK1	TSSK1
JNK1	MAPK8		TTK	TTK
JNK2	MAPK9		TXK	TXK
JNK3	MAPK10		TYK2	TYK2
KIT T670I	KIT		TYRO3	TYRO3
KIT wt	KIT		VEGF-R1	FLT1
LCK	LCK		VEGF-R2	KDR
LIMK1	LIMK1		VEGF-R3	FLT4
LIMK2	LIMK2		VRK1	VRK1
LRRK2 G2019S	LRRK2		WEE1	WEE1
LRRK2 I2020T	LRRK2		WNK2	WNK2
LRRK2 R1441C	LRRK2		WNK3	WNK3
LRRK2 wt	LRRK2		YES	YES1
LTK	LTK		ZAK	n/a
LYN	LYN		ZAP70	ZAP70