

Product datasheet for TP526481

Phka1 (NM_173021) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphorylase kinase alpha 1 (Phka1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226481 representing NM_173021 Red=Cloning site Green=Tags(s)

MRSRSNSGVRLDGYARLVHQILCHQNPVTGLLPASYDQKDAWVRDNVYSILAVWGLGLAYRKNADRDED
KAKAYELEQSVVKLMRGLLHCMIRQVDKVESFKYSQSTKDSLHAKYNTKTCATVVGDDQWGHQLDQTSV
YLLFLAQM TASGLHIIHSLDEVNFIQNLVFIYAAYKTADFGIWERGDKTNQGISL NASSVGM AKAAL E
ALDELDFGVKGGPQSVIHVLADEVQHCQSILNSLLPRASTSKEVDASLLSVSFPFAVEDSHLVELTK
QEIIITKLQGRYGCCRFLRDGYKTPKEDPNRLYEP AELKLFENIECEWPLFWTYFILDGIFSGNVEQVQE
YREALDAVLIKGKNGVPLPELYSVPPDRVDEEYQNPHTVDRVPMGKLPMMWGQSLYILGSLMAEGFLAP
GEIDPLNRRFSTVPKPDVVVQVSILAETEEIKAILKDKGIDVETIAEVYPIRVQPARILSHIYSSLG CNS
RMKLSGRPYRLMGVLGTSKLYDIRKTIFTFTFPQFIDQQQFYLALDNQMIVEMLRDLSYLC SRWRMTGQP
TITFPISHTMLDEDGTSLNSSILAALRKMQDGYFGGARIQTGKLSFLTTSCTHLSFMDPGPEGKLYSE
DYDEDYEDDLDSGNWMDSYDSTSNDVHMYLPTKLFQPSRPSLNLLDSPESPQDSQVPSVHVEVHLPRDQS
GEVDFQSLVSQLKETSSLQEADILYMLYSMKGPDWNTELYEEGGATVRELLSELYVKVGEIRHWGLIRY
ISGILRKKVEALDEACTDLSYQKHLTVGLPPEPREKTISAPLPYEALTKLIDEASEGDMSISLTQEIM
VYLAMYMRTQPGLFAEMFRLRIGLIIQVMATELAHSLRCSAEEATEGLMNLSPSAMKNLLHHILSGKEFG
VERSVRPTDSNVSPAISIHEIGAVGATKTERTGIMQLKSEIKQVEFRRLSVSMESQTSGGHPSGVDLMSP
SFLSPAACIAASSGSFPTVCDHQTSKDSRQGWQRRRRLD GALNRVPIGFYQKVVWILQKCHGLSVEGFV
LPSSTTREMTPGEIKFSVHVESVLNRVPQPEYRQLLVEAILVLTMLADIEIHSIGSIIAVEKIVHIANDL
FLQEQKTLGADDTMLAKDPASGICTLLYDSAPSGRFGTMTYLSKAAATYVQEFPLPHSLCAMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	132.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_766609
Locus ID:	18679
UniProt ID:	A2AI91 , Q3TQJ0 , Q8CBA7 , Q3UV91
RefSeq Size:	5938
Cytogenetics:	X 45.47 cM
RefSeq ORF:	3546
Synonyms:	5330411D17; 9830108K24Rik; Phka
Summary:	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.[UniProtKB/Swiss-Prot Function]