

Product datasheet for TP520742

Phka2 (NM_172783) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphorylase kinase alpha 2 (Phka2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220742 representing NM_172783 Red=Cloning site Green=Tags(s)

MRSRSNSGVRLDGYARLVQQTILCYQNPVTGLLSASHDQKDAWVRDNIYSILAVWGLGMAYRKNADRDED
KAKAYELEQNVVKLMRGLLQCMRQVDKVEKFKHTQSTKDSLHAKYNTATCSTVVGDDQWGHQLQVDATSL
FLLFLAQM TASGLRIIFTLDEVAFIQNLVFIYAAYKVADYGMW ERGDKTNQGIPELNASSVGVAKAALE
AIDELDLFGAHGGRKSVIHVLPDEVEHCQSILFSMLPRASTSKEIDAGLLSISFPAFAVEDVNLVNVTK
NEIISKLQGRYGCCRFLRDGYKTPREDPHRLHYDPAELKLFENIECEWPVFWTYLIIDGIFNGDAVQVQE
YREALEGILIRGKDG IHLVPELYAIPDPKVD E EYKNPHTVDRVPLGKPLHLWGQSLYILSSLLAEGFLAT
GEIDPLNRRFSTSVKPDVVVQVAVLAENSHIKGLLKEHGTVQSIADVHPIRVQPRILSHIYAKLGRNK
NMKLSGRPYRHIGVLGTSKLYVIRNHIFTFTPQFTDQH HFFYLALDNEMIVEMRLIELAYLCTCWRMTGRP
TLTFPVHTMLTNDGSDIHPAVLSTIRKLEDGYFGGARVKLG NLA EFLTTSFYHTLFLDPDCDEKLF GD
ITDRSFSPDSEPD LGGYLEDSSPQESQDELDQYISHLLQSTSLKCYLPPLCKKSEDSHFFSAIHSTRDIL
SVMAKAKGLETFFPMILPTKVLSGHRKSLNLVDSPQPLKTTPEYDYQWPRDDHDEVDCEKLVGQLKDC
SNLQDQADILYILYVMKGP RWDTNLFQGHGVTVHLSLSELYGKAGLNQEWSLIRYISGLLRKKVEVLAEA
CADLLSHQKQLTVGLPPEPREKTISTPLPPEELTELIYEASGQDISIAVLTQEIVVYLAMYVRAQPSLFA
EMLRLRIGLIQVMATELARSLNCSGKEASESLMNLSPFDMKSLHHLHILSGKEFGVERSVRPIHSSMSSP
AISIHEVGHTGATKTERSGITRLRSEM KQMNRRASADEQFFPLGQTMSNLSHSIKSVRSSTPSSPTGTSS
TDSGGQHLGWGEQQGQWLRRRRLDGAIRVPVGFYQKWWKILQKCHGLSIDGYVLPSSTTQEMTPCEIKF
AVHVESVLNRVSQPEYRQLLVEAIMVLTLLSDTEMDSIGGIIHVDQIVQLANQLFLQDQVSGFTTDILEK
DQATGICHLFYDSAPSGAYGTMTYLT KAVASHLQELLPSSGCQMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	138.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
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_766371
Locus ID:	110094
UniProt ID:	Q8BWJ3
RefSeq Size:	4714
Cytogenetics:	X 73.95 cM
RefSeq ORF:	3705
Synonyms:	6330505C01Rik; D330034O08; Phk
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]