

Product datasheet for TP511607

Phkb (NM_199446) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphorylase kinase beta (Phkb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211607 representing NM_199446 Red=Cloning site Green=Tags(s)

MANSPDAAFSSPALLRSGSVYEPLKSINLPRPDNETLWDKLDHYYRIVKSTMLMYQSPTTGLFPTKTCGG
EEKSKVHESLYCAAGAWALALAYRRIDDDKGRTHELEHSAIKCMRGILYCYMRQADKVQQFKQDPRPTTC
LHSVFSVHTGDELLSYEYGHLLQINAVSLFLLYLIVEMISSGLQIYNTDEVSFQNLVFCVERVYRVPDF
GVWERGSKYNNGSTELHSSSVGLAKAALEAINGFNLFNGQCSWSVIFVDLDAHNRNRQTLCSLLPRESR
SHNTDAALLPCISYPAFALDDEALFSQTLDKVIRKLGKGYGFKRFLRDGYRTPLEDPNRRYYKPAEIKLF
DGIECEFFIPLYMMIDGVFRGNLEQVKEYQDLLTPLLHQTTEGYPVVPKYYYYPADFVECEKRNPGSQK
RFPNSCGRDGKFLFLWGQALYIIAKLLADELISPDKDIDPVQRFVPLQNQRNVSMRYSNQGPLENDLVVHVA
LVAESQRLQVFLNTYGIQTQTPQVPEPIQIWPQQELVKAYFHLGINEKLGSLGRPDRPIGCLGTSKIYRI
LGKTVCYPIIFDLSDFYMSQDVLLIDDIKNAIQFIKQYWKMHGRPLFLVLIREDNIRGSRFNPILDML
AAFKKGIIGGVKVHVDRLQTLISGAVEQLDFLRISDTEKLPFKSFEELEFPKHSVKRQSSTADAPEA
QHEPGITIEWKNKSTHEILQKLNDCGLAGQTILLGILLKREGPNFITMEGTVSDHIERVYRRAGSKKL
WSVVRRAASLLNKVDSLAPSITNVLVQGKQVTLGAFGHEEEVISNPLSPRVIKNIIYYKCNTHDEREAV
IQQELVIHIGWIIISNPELFSGMLKIRIGWIIHAMEYELQVRGGDKPAVDLYQLSPSEVKQLLLDILQPQ
QSGRCWLNRRQIDGSLNRTPEFYDRVWQILERTPNGIVVAGKHLPPQPTLSDMTMYEMNFSLLVEDMLG
NIDQPKYRQIIVELLMVVSIVLERNPELEFQDKVDLDRLVKEAFHEFKQDESRLKEIEKQDDMTSFYNT
PLGKRGTCSYLTKVVMNSLLEGEVKPSNEDSCLVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	123.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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:	<u>NP_955517</u>
Locus ID:	102093
UniProt ID:	<u>Q7TSH2</u>
RefSeq Size:	4640
Cytogenetics:	8 41.61 cM
RefSeq ORF:	3255
Synonyms:	AI463271
Summary:	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The beta chain acts as a regulatory unit and modulates the activity of the holoenzyme in response to phosphorylation (By similarity).[UniProtKB/Swiss-Prot Function]