

Product datasheet for **TP507832**

Ippk (NM_199056) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inositol 1,3,4,5,6-pentakisphosphate 2-kinase (Ippk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207832 representing NM_199056 Red =Cloning site Green =Tags(s)

MEEGKMDENEWSYHGEGNKSLVVAHAQRCVLRFLKFPNKKKTSEEILQHLQNIIVDFGKNVMKDFLGEN
YVHCGEVVQLPLEFVKQLCLKIQ CERPE SRCDKDLDTFSGYAMCLPNLTRLQTFHFAEHRPILCVEIKPK
CGFIPFSNDVTHEMKHKVCRYCMHQHLKVATGKWKKISKYCPDLYSGNKQRMHFALRSLQETQNNLRI
FKNGELIYCGDARSPVADLKELAHHLKPPFFPSNGLASGPHCTKAVIRELVHVITRVLSSSEKARAGA
LRLGLQGPRVCEASPF SRSLHNQ GKNTSEHSGLPKGCLLYKTLQVQMLDQLDIEGLYPLYKRVEQYLEEF
PEERKTLQIDGPYDEVFYQKLLDLSTEDDGTVAFALTKVQYRVAMTAKDCSIMIALSPCLQGTSSDQRP
VIPSSRSRLAFSVSLDLDLKPYESIPHQYKLD SKIVNYYSKTVHAKDDTVRSTRFKEHEDCTLVLHKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.9 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
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_951011
Locus ID:	75678



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UniProt ID:	<u>Q6P1C1</u>
RefSeq Size:	2934
Cytogenetics:	13 A5
RefSeq ORF:	1467
Synonyms:	1810043M15Rik; InsP6
Summary:	Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-alpha-induced apoptosis. [UniProtKB/Swiss-Prot Function]