

Product datasheet for **TP507147**

Ip6k2 (NM_029634) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inositol hexaphosphate kinase 2 (Ip6k2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207147 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSPAFRTMDVEPRTKGILLEPFVHQVGGHSCVLRFNETTLCCKPLVPREHQFYETLPAEMRRFTPQYKAVL
IFVRCDEFEGASGNIETKEQGWSVRFEEDEDRNLCIAYPLKGDHGTVDIVDSDCEPKSKLLRWTKK
HHALETEKNPKDWVRQHRKEEKMKSHKLEEFELKSEVLYSVEKKGNVSSQLKHYNPWSMKCHQQQL
QRMKENAKHRNQYKFILLENLTSRYEPCVLDLKMGTQRQHGDDASEEKAANQIRKCCQSTSAVIGVRVCG
MQVYQAGTGQLIFMNKYHGRKLSVQGFKEALFQFFHNGRYLRRELLGPVLKKTTELKAVLERQESYRFYS
SSLLVIYDGKEWPEVTLDSDAEDLEDLSEESADESAGAYAYKPIGASSVDVRMIDFAHTTCRLYGEDSVV
HEGQDAGYIFGLQSLIDIVTEISEESGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.6 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_083910
Locus ID:	76500



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UniProt ID: [Q80V72](#)

RefSeq Size: 1842

Cytogenetics: 9 F2

RefSeq ORF: 1347

Synonyms: 1500005N04Rik; AW050208; lhpk2

Summary: Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5) (By similarity). May play a role in the regulation of Na(+)-dependent phosphate cotransport, possibly via its role in diphosphoinositol pentakisphosphate (InsP7/PP-InsP5) biosynthesis (By similarity).[UniProtKB/Swiss-Prot Function]