

Product datasheet for TP506486

Inpp5a (NM_001127363) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inositol polyphosphate-5-phosphatase A (Inpp5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206486 protein sequence Red =Cloning site Green =Tags(s)
	MAGKAAAPGTAVLLVTANVGSFLDDPENLQKNWLREFYQVLHTHKPHFMALHCQEFGGKNYEASMSHVDK FVKELLSSDAMKEYNRARVYLDENYKSQEHFTALGSFYFLHESLKNYQFDFKAKKYKQVTKGKEIYSDTL ESTPMLEKEKFPQDYFPECKWSRKGFIIRTRWCIADCAFDLVNIHLFHDASNLVAWETSPSVYSGVRHKAL GYVLDRIIDQRFKVSFVFGDFNFRLDSKSWETLCTKATMQTVRAADTNEVVKLIFRESNDRKVVLLQ LEKKLFDYFNQDVFRDNNGTALLEFDKELSVFKDRLYELDISFPPSYSEDSSQGEQYMNTRCPAWCDR ILMSLSAKELVLKSESEEKVATYDHIGPNVCMGDHKPVFLAFRIAPGAGKPHAHVHKCCVVQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	47.6 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_001120835
Locus ID:	212111
UniProt ID:	Q7TNC9 , E9QAS7



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RefSeq Size: 2843

Cytogenetics: 7 F4

RefSeq ORF: 1239

Summary: Phosphatase that specifically hydrolyzes the 5-phosphate of inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate, and inositol 1,3,4,5-tetrasphosphate to inositol 1,3,4-trisphosphate (PubMed:26051944). Plays a crucial role in the survival of cerebellar Purkinje cells (PubMed:26051944).[UniProtKB/Swiss-Prot Function]