

Product datasheet for **TP500995**

Ppp1r14a (NM_026731) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory inhibitor subunit 14A (Ppp1r14a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200995 protein sequence Red =Cloning site Green =Tags(s) MAAQRLGKRVLSKLGSPSRARGPGGSPSGLQKRHARVTVKYDRRELQRRLDVEKWIDGCLEELYRGRES MPDEVNIDELLELDSEEERCRKIQLLEACANPTEDFVQELLAKLRGLHKQPGFPQSPSPDDPSLSPRQD RAHTAPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16.6 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:	<u>NP_081007</u>
Locus ID:	68458
UniProt ID:	<u>Q91VC7</u>
RefSeq Size:	531
Cytogenetics:	7 B1



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RefSeq ORF: 444

Synonyms: 1110001M11Rik; Cpi17

Summary: Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction (By similarity).[UniProtKB/Swiss-Prot Function]