

## Product datasheet for **TP500984**

### **Ppp1r14d (NM\_028104) Mouse Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory inhibitor subunit 14D (Ppp1r14d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200984 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MLSSSPASCTSPSPGTDNPDKKVHWASEKRRRASSTDSESKTHLDISKLPSSRRPSRLTVKYDRGHLQRW LEMEQWVDAQVQELFQGQEESEPEIDLEALMDLSTEDQRTQLEAILQDCPGNREPFISELLSQLKRLRR LSRPSK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	16.8 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><a href="#">NP_082380</a></u>
Locus ID:	72112
UniProt ID:	<u><a href="#">Q7TT52</a></u>
RefSeq Size:	746
Cytogenetics:	2 E5


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**RefSeq ORF:** 438

**Synonyms:** 2010107K19Rik; GBPI-1; Ppp1r14

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