

Product datasheet for TP501884

Ppp1r1b (NM_144828) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory inhibitor subunit 1B (Ppp1r1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201884 protein sequence Red=Cloning site Green=Tags(s)

MDPKDRKKIQFSVPAPPSQLDPRQVEMIRRRRPTPAMLFVSEHSSPEEEASPHQRTSGEGHHPKSKRPN
PCAYTPPSLKAVQHLQTISNLSENQASEEDELGELRELGYQEDDEDEDEDEDEDEDEDSQAEVLKGSRG
TVGQKPTCGRGLGEPWERPPPLDEPQRDGNSEDQVEGRATLSEPGEEPQHPSPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	21.8 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>NP_659077</u>
Locus ID:	19049
UniProt ID:	<u>Q60829</u>
RefSeq Size:	1682
Cytogenetics:	11 D



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RefSeq ORF: 585

Synonyms: AU040756; Dar; DARP; DARPP-32; Darpp32

Summary: This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders in humans. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]