

Product datasheet for TP521792

Ptprr (NM_011217) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein tyrosine phosphatase, receptor type, R (Ptprr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221792 representing NM_011217 Red=Cloning site Green=Tags(s)

MRRAVGFALCLLLNLHAAGCFSRNNDHFLAIRQKKS WKPVFIYDHSQDIKSLDIAQEAYKHNHYHSPSE
VQISKHHQIINSAPRPAYDPSLNLLAESDQDLEIENLPIAANVIVVTLQMDITKLNITLLRIFRQGVA
AALGLLPQQVHINRLIEKKNQVELFVSPGNRKPGETQALQAEVLRSLNVDGLHQSLPQFGITDVAPEKN
VLQGQHEADKIWSKEGFYAVVIFLSIFIIIVTCLMIIYRLKERLQLSLRQDKEKNQEIHLSPIARQQAQS
EAKTTHSMVQPDQAPKVLNWWWDPQGQCTPEIRNSTSTSVCSPFRMKPIGLQERRGSNVSLTLDMSSLG
SVEPFVAVSTPREKVAMEYLQSASRVLTRSQRDQVASSHLLQSEFMEIPMNFVDPKEIDIPRHGTKNRY
KTILPNPLSRVCLRPKNITDSLTYINANYIRGYSKKEKAFIATQGP MINTVNDWFQMVWQEDSPVIMMI
TKLKEKNEKCVLYWPEKRGYKVEVLVTGVTECDNYTIRNLV LKQGSHTQHVKHYWYTSWPDHKTPDSA
QPLLQLMLDVEEDRLASEGRGPVWHCSAGIGRTGCFIATSIGCQQLKEEGVVDALSVCQLRVDRGGMV
QTSEQEYEFVHHALCLFESRLSPETVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	74.5 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.



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RefSeq:	NP_035347
Locus ID:	19279
UniProt ID:	Q62132 , Q5U1U6 , Q8CEI8
RefSeq Size:	3466
Cytogenetics:	10 D2
RefSeq ORF:	1968
Synonyms:	Gmcp1; mPTP213; PTP-SL; PTPBR7; RPTPRR
Summary:	Sequesters mitogen-activated protein kinases (MAPKs) such as MAPK1, MAPK3 and MAPK14 in the cytoplasm in an inactive form. The MAPKs bind to a dephosphorylated kinase interacting motif, phosphorylation of which by the protein kinase A complex releases the MAPKs for activation and translocation into the nucleus. Isoform gamma may have a role in patterning and cellular proliferation of skeletal elements in the precartilaginous/cartilaginous skeleton.[UniProtKB/Swiss-Prot Function]