

Recombinant Mouse Ptprr Protein, Myc/DDK-tagged

Cat. No. Ptprr-5251M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, R (Ptprr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	74.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Ptpr protein tyrosine phosphatase, receptor type, R \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Ptpr](#)

Synonyms PTPRR; protein tyrosine phosphatase, receptor type, R; receptor-type tyrosine-protein phosphatase R; R-PTP-R; STEP-like PTPase; phosphotyrosine phosphatase 13; protein-tyrosine-phosphatase SL; protein-tyrosine-phosphatase-SL; Gmcp1; PTP-SL; PTPBR7; RPTPRR; mPTP213

Gene ID [19279](#)

mRNA Refseq [NM_011217](#)

Protein Refseq [NP_035347](#)

UniProt ID [Q62132](#)

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