

## Recombinant Mouse Ptprr Protein, Myc/DDK-tagged

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

### SPECIFICATION

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

**Official Symbol** Ptprr

**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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