

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

**Cat. No.** Ptptra-5243M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, A (Ptptra), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Tyrosine protein phosphatase which is involved in integrin-mediated focal adhesion formation. Following integrin engagement, specifically recruits BCAR3, BCAR1 and CRK to focal adhesions thereby promoting SRC-mediated phosphorylation of BRAC1 and the subsequent activation of PAK and small GTPase RAC1 and CDC42.
<b>Molecular Mass</b>	94.1 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
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Ptpra protein tyrosine phosphatase, receptor type, A [ Mus musculus (house mouse) ]

**Official Symbol** Ptpra

**Synonyms** PTPRA; protein tyrosine phosphatase, receptor type, A; receptor-type tyrosine-protein phosphatase alpha; PTPTY-28; R-PTP-alpha; LCA-related phosphatase; protein-tyrosine phosphatase alpha; Ptpa; Rptpra; Ptpalpha; Rptpalph; Rptralpha; MGC118095

**Gene ID** 19262

**mRNA Refseq** NM\_008980

**Protein Refseq** NP\_033006

**UniProt ID** P18052

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