

Recombinant Mouse Ptpa Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, A (Ptpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	94.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ptptra protein tyrosine phosphatase, receptor type, A [Mus musculus (house mouse)]
Official Symbol	Ptptra
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; Rptralph; MGC118095
Gene ID	19262
mRNA Refseq	NM_008980
Protein Refseq	NP_033006
UniProt ID	P18052

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