

Recombinant Mouse Ptpre Protein, Myc/DDK-tagged

Cat. No. Ptpre-5245M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, E (Ptpre), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Isoform 1 and isoform 2 act as a negative regulator of FcεRI-mediated signal transduction leading to cytokine production and degranulation, most likely by acting at the level of SYK to affect downstream events such as phosphorylation of SLP76 and LAT and mobilization of Ca(2+).
Molecular Mass	81.1 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	Ptpre protein tyrosine phosphatase, receptor type, E [Mus musculus (house mouse)]
Official Symbol	Ptpre
Synonyms	PTPRE; protein tyrosine phosphatase, receptor type, E; receptor-type tyrosine-protein phosphatase epsilon; R-PTP-epsilon; protein-tyrosine phosphatase epsilon; PTPe; PTPepsilon; RPTPe
Gene ID	19267
mRNA Refseq	NM_011212
Protein Refseq	NP_035342
UniProt ID	P49446

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