

Recombinant Mouse Ptpk Protein, Myc/DDK-tagged

Cat. No. Ptpk-5248M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, K (Ptpk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Negative regulator of EGFR signaling pathway. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTPRK/PTP-kappa.
Molecular Mass	164.6 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	Ptprk protein tyrosine phosphatase, receptor type, K [Mus musculus (house mouse)]
Official Symbol	Ptprk
Synonyms	PTPRK; protein tyrosine phosphatase, receptor type, K; receptor-type tyrosine-protein phosphatase kappa; R-PTP-kappa; protein-tyrosine phosphatase kappa; PTPk; AI853699; RPTPkappa
Gene ID	19272
mRNA Refseq	NM_008983
Protein Refseq	NP_033009
UniProt ID	P35822

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