

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

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, receptor type, K (Ptprk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	164.6 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Ptprk protein tyrosine phosphatase, receptor type, K [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ptprk
<b>Synonyms</b>	PTPRK; protein tyrosine phosphatase, receptor type, K; receptor-type tyrosine-protein phosphatase kappa; R-PTP-kappa; protein-tyrosine phosphatase kappa; PTPk; A1853699; RPTPkappa
<b>Gene ID</b>	19272
<b>mRNA Refseq</b>	NM_008983
<b>Protein Refseq</b>	NP_033009
<b>UniProt ID</b>	P35822

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