

Recombinant Mouse Ptp4a1 Protein, Myc/DDK-tagged

Cat. No. Ptp4a1-5230M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase 4a1 (cDNA clone MGC:102117 IMAGE:30538771), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. May play a role in the development and maintenance of differentiating epithelial tissues.
Molecular Mass	19.8 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	Ptp4a1 protein tyrosine phosphatase 4a1 [Mus musculus (house mouse)]
Official Symbol	Ptp4a1
Synonyms	Ptp4a1; protein tyrosine phosphatase 4a1; Pr; Prl-1; AA415290; AU019864; C130021B01; protein tyrosine phosphatase type IVA 1; protein-tyrosine phosphatase of regenerating liver 1; EC 3.1.3.48
Gene ID	19243
mRNA Refseq	NM_011200
Protein Refseq	NP_035330
UniProt ID	Q63739

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