

Recombinant Mouse Ptp4a3 Protein, Myc/DDK-tagged

Cat. No. Ptp4a3-5232M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase 4a3 (Ptp4a3), 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. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.
Molecular Mass	19.7 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Ptp4a3 protein tyrosine phosphatase 4a3 [Mus musculus (house mouse)]
Official Symbol	Ptp4a3
Synonyms	PTP4A3; protein tyrosine phosphatase 4a3; protein tyrosine phosphatase type IVA 3; protein-tyrosine phosphatase 4a3; protein-tyrosine phosphatase of regenerating liver 3; Prl-3; pPtp4a3; AV088979
Gene ID	19245
mRNA Refseq	NM_001166389
Protein Refseq	NP_001159861
UniProt ID	Q9D658

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