

Recombinant Human PTP4A3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTP4A3-3657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTP4A3 MS Standard C13 and N15-labeled recombinant protein (NP_116000) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the protein-tyrosine phosphatase family. Protein tyrosine phosphatases are cell signaling molecules that play regulatory roles in a variety of cellular processes. Studies of this class of protein tyrosine phosphatase in mice demonstrates that they are prenylated in vivo, suggesting their association with cell plasma membrane. The encoded protein may enhance cell proliferation, and overexpression of this gene has been implicated in tumor metastasis. Alternative splicing results in multiple transcript variants.
Molecular Mass	19.4 kDa
AA Sequence	MARMNRPAPVEVSYPKHMRFILITHNPTNATLSTFIEDLKKGATTVVRVCEVTYDKTP LEKDGITVVDWPFDDGAPPPGKVVEDWLSLVKAKFCEAPGSCVAVHCVAGLGRAP VLVALALIESGMKYEDAIQFIRQKRRGAINSKQLTYLEKYRPKQRLRFKDPHTHKTRC CVMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

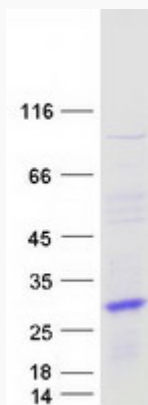
Gene Name	PTP4A3 protein tyrosine phosphatase 4A3 [Homo sapiens (human)]
Official Symbol	PTP4A3
Synonyms	PTP4A3; protein tyrosine phosphatase type IVA, member 3; protein tyrosine phosphatase type IVA 3; PRL 3; PRL R; PRL3; protein-tyrosine phosphatase 4a3; potentially prenylated protein tyrosine phosphatase; protein-tyrosine phosphatase of regenerating liver 3; PRL-3; PRL-R;
Gene ID	11156
mRNA Refseq	NM_032611
Protein Refseq	NP_116000
MIM	606449
UniProt ID	O75365

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SDS-PAGE



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