

Recombinant Full Length Human PTP4A3 Protein, C-Flag-tagged

Cat. No. PTP4A3-719HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PTP4A3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19.4 kDa
AA Sequence	MARMNRPAPVEVSYKHMRLITHNPTNATLSTFIEDLK KYGATTVVRVCEVTYDKTP LEKDGITVVDWPF DDGAPPPGKVVEDWLSLVKAKFCEAPGSCVAVHCVAGLGRAP VLVALALIESGMKYEDAIQFIRQKRRGA INSKQLTYLEKYRPKQRLRFKDPHTHKTRCCVMTRTRPLEQKLISEEDLAANDILDYK DDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Phosphatase
Full Length	Full L.

GENE INFORMATION

Gene Name	PTP4A3 protein tyrosine phosphatase 4A3 [Homo sapiens (human)]
Official Symbol	PTP4A3
Synonyms	PRL3; PRL-3; PRL-R
Gene ID	11156
mRNA Refseq	NM_032611.3
Protein Refseq	NP_116000.1
MIM	606449

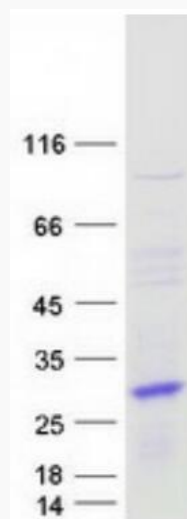
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UniProt ID

O75365



Coomassie blue staining of purified PTP4A3 protein.

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