

Active Recombinant Human PTP4A3 Protein, Met & His-tagged

Cat. No. PTP4A3-1035H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A3 (Accession # O75365) Ala2-Met173, fused with N-terminal Met and 7-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Met173
Predicted N Terminal	Met
Form	Supplied as a 0.2 µm filtered solution in HEPES, NaCl, Glycerol and DTT.
Bio-activity	Measured by its ability to cleave a substrate, p-Nitrophenyl phosphate (pNPP). The specific activity is >0.4 pmol/min/g, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com .
Molecular Mass	Recombinant Human PTP4A3, Met & His-tagged has a calculated MW of 20 kDa. In SDS-PAGE migrates as 23 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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

months (-70°C).

GENE INFORMATION

Gene Name	PTP4A3 protein tyrosine phosphatase type IVA, member 3 [Homo sapiens]
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_007079
Protein Refseq	NP_009010
MIM	606449
UniProt ID	O75365
Chromosome Location	8q24.3

 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