

Active Recombinant Human PTP4A3 protein, His-tagged

Cat. No. PTP4A3-5468H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A3 (a.a. 2-173) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	a.a. 2-173
Form	Liquid in 40 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 2.2 mM KCl + 200 mM imidazole + 20% glycerol + and 3 mM DTT.
Bio-activity	Specific Activity: 0.774 pmol/min/μg.
Molecular Mass	19.5 kDa
Purity	>75%
Applications	enzyme kinetics, screening inhibitors, and selectivity profiling
Storage	Stable for >6 months at -80 centigrade.
Concentration	0.4 mg/ml

GENE INFORMATION

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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_032611
Protein Refseq	NP_116000
MIM	606449
UniProt ID	O75365
Chromosome Location	8q24.3
Pathway	Signaling events mediated by PRL, organism-specific biosystem;
Function	hydrolase activity; prenylated protein tyrosine phosphatase activity;

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