Active Recombinant Human PTP4A2 protein, His-tagged

Cat. No. PTP4A2-1907H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A2 (aa 2-167) fussed with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	aa 2-167
Form	Recombinant proteins were eluted in 40 mM Tris-HCl, pH 8.0 + 110 mM NaCl + 2.2 mM KCl + 20% glycerol + and 3 mM DTT
Bio-activity	Specificity: 0.334 pmol/min/μg;Specific Activity: Assay conditions: enzyme was incubated in 50 mM Tris, pH7.4 + 150 mM NaCl + 5 mM DTT + and 12.5 mM PNPP as a substrate for 2h at 37 centigrade. Absorbance was read by Tecan pectraphotometer at 405 nm wave
Molecular Mass	19.1 kDa
Purity	>90%
Storage	Stable for >6 months from date of shipment if stored at -80 centigrade.
Concentration	1 mg/ml

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GENE INFORMATION

Gene Name	PTP4A2 protein tyrosine phosphatase type IVA, member 2 [Homo sapiens]
Official Symbol	PTP4A2
Synonyms	PTP4A2; protein tyrosine phosphatase type IVA, member 2; PTP4A; protein tyrosine phosphatase type IVA 2; HU PP 1; OV 1; PRL 2; ptp IV1a; PTPCAAX2; PTP(CAAXII); protein tyrosine phosphatase IVA; protein-tyrosine phosphatase 4a2; protein tyrosine phosphatase IVA2; phosphatase of regenerating liver 2; protein-tyrosine phosphatase of regenerating liver 2; HH13; OV-1; PRL2; HH7-2; PRL-2; HU-PP-1; ptp-IV1a; ptp-IV1b;
Gene ID	8073
mRNA Refseq	NM_080391
Protein Refseq	NP_536316
MIM	601584
UniProt ID	Q12974
Chromosome Location	1p35
Pathway	Signaling events mediated by PRL, organism-specific biosystem;
Function	hydrolase activity; prenylated protein tyrosine phosphatase activity;

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