

Recombinant Human PTP4A2 protein, His-tagged

Cat. No. PTP4A2-1558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A2 protein(Q12974-1)(Met1-Cys164), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	N-His
ProteinLength	Met1-Cys164
Tag	N-His
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 250mM NaCl, 1mM DTT, 20% Glycerol (pH 7.4).
Bio-activity	Measured by its ability to cleave a substrate. p-Nitrophenyl phosphate (pNPP). The specific activity is > 0.5 pmol/min/µg.
Molecular Mass	The protein has a predicted MW of 19.89 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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_001195100

Protein Refseq NP_001182029

MIM 601584

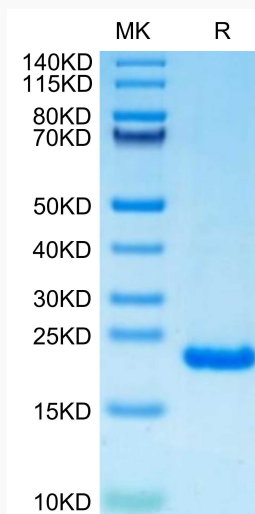
UniProt ID Q12974

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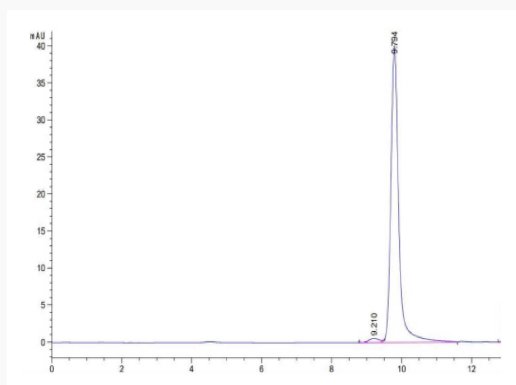
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Tris-Bis PAGE



SEC-HPLC



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