

Recombinant Human PTP4A1 protein, His-tagged

Cat. No. PTP4A1-1559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A1 protein(Q93096)(Met1-Cys170), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	N-His
ProteinLength	Met1-Cys170
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 20.56 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 PTP4A1 protein tyrosine phosphatase type IVA, member 1 [Homo sapiens]

Official Symbol PTP4A1

Synonyms PTP4A1; protein tyrosine phosphatase type IVA, member 1; protein tyrosine phosphatase type IVA 1; PRL 1; PTPCAAX1; PTP(CAAXI); protein-tyrosine phosphatase 4a1; Protein tyrosine phosphatase IVA1; protein tyrosine phosphatase type IVA protein 1; protein-tyrosine phosphatase of regenerating liver 1; HH72; PRL1; PRL-1; PTP(CAAX1); DKFZp779M0721;

Gene ID 7803

mRNA Refseq NM_003463

Protein Refseq NP_003454

MIM 601585

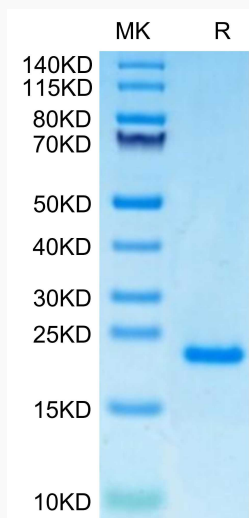
UniProt ID Q93096

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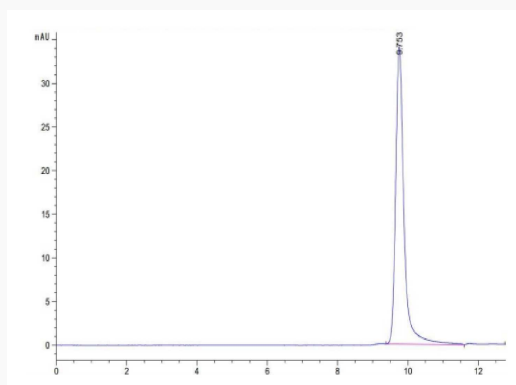
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Tris-Bis PAGE



SEC-HPLC



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