

Recombinant Human PTP4A2 protein(Asn2-Gln167), GST-tagged

Cat. No. PTP4A2-2546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A2 protein(Q12974-1)(Asn2-Gln167), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn2-Gln167
similar	PTP4A2
Alias	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;
Conjugate	N-GST
Form	Lyophilized from sterile 50mM Tris, 0.15M NaCl, 1mM GSH, pH 7.3. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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Bioactivity	
MolecularMass	The recombinant human PTP4A2/GST chimera consists of 397 amino acids and has a predicted molecular mass of 45.9 kDa. It migrates as an approxiamtely 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-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.
GeneName	PTP4A2 protein tyrosine phosphatase type IVA, member 2 [Homo sapiens]
GeneNameWeblink	8073
OfficialSymbol	PTP4A2
OfficialSymbolWeblink	8073
GenelD	8073
GenelDWeblink	8073
mRNARefseq	NM_001195100

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mRNARefseqWeblink	NM_001195100.1
ProteinRefseqWeblink	NP_001182029.1
MIMWeblink	601584
UniProtID	Q12974
UniProtIDWeblink	Q12974

GENE INFORMATION

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;
MIM	601584

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