

Recombinant Human PTP4A1 protein, GST-tagged

Cat. No. PTP4A1-3663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTP4A1 protein(1-173 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-173 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MARMNRPAPVEVTYKNMRFLITHNPTNATLNKFIEELKKYGVTTIVRVCEATYDTTLV EKEGIHVLDWPFDDGAPPSNQIVDDWLSLVKIKFREEPGCCIAVHCVAGLGRAPVLV ALALIEGGMKYEDAVQFIRQKRRGAFNSKQLLYLEKYRPKMRLRFKDSNGHRNNCCI Q
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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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