

Recombinant Human PTPN6 protein, His-tagged

Cat. No. PTPN6-2501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN6 protein(506-598 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	506-598 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QYKFIYVAIAQFIETTKKKLEVLQSQKGQSEYGNITYPPAMKNAHAKASRTSSKHKE DVYENLHTKNKREEKVKKQRSADKEKSKGSLKRK
Purity	85%, 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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	PTPN6 protein tyrosine phosphatase, non-receptor type 6 [Homo sapiens]
Official Symbol	PTPN6
Synonyms	PTPN6; protein tyrosine phosphatase, non-receptor type 6; tyrosine-protein phosphatase non-receptor type 6; HCP; HCPH; PTP 1C; SHP 1; SHP1; hematopoietic cell phosphatase; protein-tyrosine phosphatase 1C; protein-tyrosine phosphatase SHP-1; hematopoietic cell protein-tyrosine phosphatase; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1;
Gene ID	5777
mRNA Refseq	NM_002831
Protein Refseq	NP_002822
MIM	176883
UniProt ID	P29350

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