

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	QYKFIYVAIAQFIETTKKKLEVLQSQKGQESEYGNITYPPAMKNAHAKASRTSSKHKE 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 g/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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