

Recombinant Human PTPN6 protein, His-SUMO-tagged

Cat. No. PTPN6-3390H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN6 protein(P29350)(1-597aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-597aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	79.1 kDa
AA Sequence	<p>MLSRGVGDQVTHIRIQNSGDFYDLYGGEKFATLTELVEYYTQQQGVLQDRDGTIIHL KYPLNCSDPTSERWYHGHMSGGQAETLLQAKGEPWTFLLVRESLSQPGDFVLSVLS DQPKAGPGSPLRVTHIKVMCEGGRYTVGGLETFDLSDLVEHFKKTGIEEASGAFVY LRQPPYATRVAADIENRVLELNKKQESED TAKAGFWEFESLQKQEVKNLHQRLE GQRPENKGNRYKNILPFDHSRVLQGRDSNIPGSDYINANYIKNQLLGPDENAKTYI ASQGCLEATVNDFWQMAWQENSRVIVMTTREVVEKGRNKCVPYWPEVGMQRAYG PYSVTNCGEHDTEYKLRLTLQVSPLDNGDLIREIWHYQYLSWPDHGVPEPSEGGVLS FLDQINQRQESLPHAGPIIVHCSAGIGRTGTIIVIDMLMENISTKGLDCDIDIQKTIQMV RAQRSGMVQTEAQYKFIYVAIAQFIETTKKKLEVLSQKQGESEYGNITYPPAMKNA</p>

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HAKASRTSSKHKEDVYENLHTKNKREEKVKKQRSADKEKSKGSLKRK

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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](#)

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UniProt ID

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