

Recombinant Full Length Human PTPN6 Protein (M1-K595), Tag Free

Cat. No. PTPN6-0697H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-PTPN6(M1-K595 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-595 a.a.
Description	Modulates signaling by tyrosine phosphorylated cell surface receptors such as KIT and the EGF receptor/EGFR. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation. Plays a key role in hematopoiesis.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [PTPN6 protein tyrosine phosphatase, non-receptor type 6 \[Homo sapiens \(human\) \]](#)

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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