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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