

Human PTPN6 Recombinant Protein



RPPB2642

Product Information Protein Information

Product SKU:

RPPB2642

Accession:

P29350

Host:

Escherichia Coli.

Protein description:

PTPN6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 300 amino acids and having a molecular mass of 34.3 kDa. The protein coding region of the catalytic domain of PTPN6 (amino acids 243-541). The catalytic domain of PTPN6 was overexpressed as insoluble protein aggregates (inclusion bodies). The recombinant PTPN6 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer. Additional amino acid (Met) is attached at N-terminus.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Tyrosine-protein phosphatase non-receptor type 6, EC 3.1.3.48, Protein-tyrosine phosphatase 1C, PTP-1C, Hematopoietic cell protein-tyrosine phosphatase, SH-PTP1, Protein-tyrosine phosphatase SHP-1, PTPN6, HCP, HCPH, SHP1, HPTP1C, SHP-1L.

Formulation:

The protein contains 25mM Tris-HCl, pH 7.5, 2mM b-mercaptoethanol, 1mM EDTA, 1mM DTT and 20% Glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGFWEEFES LQKQEVKNLH QRLEGQRPEN KGKNRYKNIL PFDHSRVILQ GRDSNIPGSD YINANYIKNQ
LLGPDENAKT YIASQGCLEA TVNDFWQMAW QENSRVIVMT TREVEKGRNK CVPYWPEVGM QRAYGPYSVT
NCGEHDTTEY KLRTLQVSPL DNGDLIREIW HYQYLSWPDH GVPSEPGGVL SFLDQINQRQ ESLPHAGPII
VHCSAGIGRT GTIIVIDMLM ENISTKGLDCDIDIQTIQM VRAQRSGMVQ TEAQYKFIYV AIAQFIETTK
KKLEVLQSQK GQSEYGNITY.