

Protein Tyrosine Phosphatase Non Receptor Type-6 Human Recombi-

Item Number	rAP-1573
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.
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
Uniprot Accession Number	P29350
Amino Acid Sequence	MGFWEEFES LQKQEVKNLH QRLEGQRPEN KGKNRYKNIL PFDHSRVILQ GRDSNIPGSD YINANYI-KNQ LLGPDENAKT YIASQGCLEA TVNDFWQMAW QENSRVIVMT TREVEKGRNK CVPYWPEVGM QRAYGPYSVT NCGEHDTEY KLRTLQVSPL DNGDLIREIW HYQYLSWPDH GVPSEPGGVL SFLDQINQRQ ESLPHAGPII VHCSAGIGRT GTIIVIDMLM ENISTKGLDCDIDIQKTIQM VRAQRSGMVQ TEAQYKFIYV AIAQFIETTK KKLEVLQSQK GQSEYGNITY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The protein contains 25mM Tris-HCl, pH 7.5, 2mM b-mercaptoethanol, 1mM EDTA, 1mMDTT and 20% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**