

Protein Tyrosine Phosphatase Non Receptor Type-7 Human Recombi-

Item Number	rAP-1571
Synonyms	Protein tyrosine phosphatase non-receptor type 7, HEPTP, LC-PTP, Hematopoietic protein-tyrosine phosphatase, Protein-tyrosine phosphatase LC-PTP, PTPNI, LPTP, BTP-4, dual specificity phosphatase 1, protein-tyrosine phosphatase non-receptor-type, stress i
Description	PTPN7 Human Recombinant produced in E. coli is a single polypeptide chain containing 384 amino acids (1-360) and having a molecular mass of 43.1kDa. PTPN7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P35236
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMVQAHG GRSRAQPLTL SLGAAMTQPP PEKTPAKKHV RLQERRGSNV ALMLDVRS LG AVEPICSVNT PREVT LHFLR TAGHPLTRWA LQRQPPSPKQ LEEEFLKIPS NFVSPEDLDI PGHASKDRYK TILPNPQSRV CLGRAQSQED GDYINANYIR GYDGKEKVYI ATQGPMPTV SDFWEMVWQE EVSLIVMLTQ LREGKEKCVH YWPTEEETYG PFQIRIQDMK ECPEY- TVRQL TIQYQEERRS VKHILFSAWP DHQTPESAGP LLRLVAEVEE SPETA AHPGP IVVHCSAGIG RTGCFIATRI GCQQLKARGE VDILGIVCQL RLDRGGMIQT AEQYQFLHHT LALYAGQLPE EPSP
Source	E.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 PTPN7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% 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**