

Human PTPN7 Recombinant Protein



RPPB2643

Product Information Protein Information

Product SKU:

RPPB2643

Accession:

P35236

Host:

E.coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Protein tyrosine phosphatase non-receptor type 7, HEPTP, LC-PTP, Hematopoietic protein-tyrosine phosphatase, Protein-tyrosine phosphatase LC-PTP, PTPNI, LPTP, BPTP-4, dual specificity phosphatase 1, protein-tyrosine phosphatase non-receptor-type, stress induced, EC 3.1.3.48.

Formulation:

The PTPN7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% 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:

MGSSHHHHHH SGLVPRGSH MGSMMVQAHG GRSRAQPLTL SLGAAMTQPP PEKTPAKKHV RLQERRGSNV
ALMLDVRS LG AVEPICSVNT PREVTLHFLR TAGHPLTRWA LQRQPPSPKQ LEEFLKIPS NRVSPEDLDI
PGHASKDRYK TILPNPQSRV CLGRAQSQED GDYINANYIR GYDGKEKVIY ATQGMPNPTV SDFWEMVWQE
EVS LIVMLTQ LREGKEKCVH YWPTEETYG PFQIRIQDMK ECPEYTVRQL TIQYQEERRS VKHILFSAWP
DHQTPESAGP LLRLVAEVEE SPETAHPGP IVVHCSAGIG RTGCFIATRI GCQQLKARGE VDILGIVCQL
RLDRGGMIQT AEQYQFLHHT LALYAGQLPE EPSP