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PTPN7 Human

Catalog #:PKPS-032

For research use only.

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.

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 i

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMVQAHG GRSRAQPLTL SLGAAMTQPP PEKTPAKKHV RLQERRGSNV ALMLDVRSLG AVEPICSVNT PREVTLHFLR TAGHPLTRWA LQRQPPSPKQ LEEEFLKIPS NFVSPEDLDI PGHASKDRYK TILPNPQSRV CLGRAQSQED GDYINANYIR GYDGKEKVYI ATQGPMPNTV SDFWEMVWQE EVSLIVMLTQ LREGKEKCVH YW

Purity: Greater than 90% as determined by SDS-PAGE.

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

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
PTPN7 performs specifically on tyrosine-phosphorylated MAPK1. PTPN7 takes part in the regulation of signal transduction and T and B-lymphocyte development.

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