

Tyrosine Phosphatase Non Receptor Type-7 Recombinant Protein | PTPN7 recombinant protein

Recombinant Human Protein Tyrosine Phosphatase Non Receptor Type-7

CATALOG # AAA38991	HOST E Coli
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PRODUCT SYNONYMS

Tyrosine Phosphatase Non Receptor Type-7; Recombinant Human Protein Tyrosine Phosphatase Non Receptor Type-7; PTPN7 Human; Protein Tyrosine Phosphatase Non Receptor Type-7 Human Recombinant; 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; PTPN7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The PTPN7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMVQAHGGRS RAQPLTSLG AAMTQPPPEK TPAKKHVRLQ ERRGSNVALM LDVRS LGAVE PICSVNTPRE VTLHFLRTAG HPLTRWALQR QPPSPKQLEE EFLKIPSNFV SPEDLDIPGH ASKDRYKTL PNPQSRVCLG RAQSQEDGDY INANYIRGYD GKEKVYIATQ GMPNPTVSDF WEMVWQEEVS LIVMLTQLRE GKEKCVHYWP TEEETYGPFG IRIQDMKECP EYTVRQLTIQ YQEERRSVKH ILFSAWPDHQ TPESAGPLLR LVAEEVESPE TAAHPGPIVV HCSAGIGRTG CFIATRIGCQ QLKARGEVDI LGIVCQLRLD RGGMIQTAEQ YQFLHHTLAL YAGQLPEEPS P
Sequence Length	465
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for PTPN7 recombinant 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.
Product Categories/Family for PTPN7 recombinant protein	Protein Kinases ; Enzymes ; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	315221140
NCBI GeneID	5778
NCBI Accession #	NP_002823.3
NCBI GenBank Nucleotide #	NM_002832.3
UniProt Accession #	P35236 ; Q53XK4 ; Q5SXQ0 ; Q5SXQ1 ; Q9BV05 ; B3KXE1
Molecular Weight	52,284 Da

NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 7 isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 7
NCBI Official Symbol	PTPN7
NCBI Official Synonym Symbols	LPTP; HEPTP; PTPNI; BPTP-4; LC-PTP
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 7; dual specificity phosphatase 1; hematopoietic protein-tyrosine phosphatase; protein-tyrosine phosphatase LC-PTP; protein-tyrosine phosphatase, nonreceptor-type, stress induced
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 7
UniProt Gene Name	PTPN7
UniProt Synonym Gene Names	HEPTP
UniProt Entry Name	PTN7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptpn7-recombinant-protein-e-coli/38991>