

AR50278PU-S**Human PTPN7 (1-360, His-tag) - Purified**

Alternate names:	BPTP-4, HEPTP, LC-PTP, LPTP, PTPNI, Tyrosine-protein phosphatase non-receptor type 7
Quantity:	10 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	PTPN7, also known as tyrosine-protein phosphatase non-receptor type 7 isoform 1, acts preferentially on tyrosine-phosphorylated MAPK1. This protein plays a role in the regulation of T and B-lymphocyte development and signal transduction.
Uniprot ID:	Q5SXQ0
NCBI:	NP_002823
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human PTPN7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMMVQAHG GRSRAQPLTL SLGAAMTQPP PEKTPAKKHV RLQERRGSNV ALMLDVRS LG AVEPICSVNT PREVTLHFLR TAGHPLTRWA LQRQPPSPKQ LEEEFLKIPS NFVSPEDLDI PGHASKDRYK TILPNPQSRV CLGRAQSQED GDYINANYIR GYDGKEKVYI ATQGMPNTV SDFWEMVWQE EVSLIVMLTQ LREGKEKCVH YWPTEETTYG PFQIRIQDMK ECPEYTVRQL TIQYQEERRS VKHILFSAWP DHQTPESAGP LLRLVAEVEE SPETAAHGPG IVVHCSAGIG RTGCFIATRI GCQQLKARGE VDILGIVCQL RLDGRGMIQT AEQYQFLHHT LALYAGQLPE EPSP Molecular weight: 43.1 kDa (384aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Pettiford S.M., et al. (2000) Oncogene. 19:858-869 Nika K., et al. (2004) Biochem. J. 378:335-342

Pictures:

