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PTPN7, 1-360aa, Human, His tag, E.coli

产品货号: TP03599

第三版

别名: Tyrosine-protein phosphatase non-receptor type 7, BPTP-4, HEPTP, LC-PTP, LPTP, PTPNI.

描述: 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. Recombinant human PTPN7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 43.1 kDa (384aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMVQAHGGRSRAQPLTSLGAAMTQPPPEKTPAKKHVRLQERRGSNVALMLDVR
SLGAVEPICSVNTPREVTLHFLRTAGHPLTRWALQRQPPSPKLEEEFLKIPSNFVSPEDLDIPGHASKDRYKTILPNPQSRV
CLGRAQSQEDGDYINANYIRGYDGKEKVYIATQGMPNNTVSDFWEMVWQEEVSLIVMLTQLREGKEKCVHYWPTEET
YGPFIQIRIQDMKECPEYTVRQLTIQYQEERRSVKHILFSAWPDHQTPEAGPLLRVLAEEVEESPETAHPGPIVVHCSAGIG
RTGCFIATRIGCQQLKARGEVDILGIVCQLRLDRGGMIQTAEQYQLHHTLALYAGQLPEEPS

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.