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PREP, 1-710aa, Human, His tag, E.coli

产品货号: TP03517

第三版

别名:Prolyl endopeptidase, PE, PEP, Post-proline cleaving enzyme, Prolyl endopeptidase

描述:PREP is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides. Recombinant human PREP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In PBS buffer (pH 7.4) containing 30% glycerol, 1mM DTT

分子量:83.1kDa (733aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMLSLQYPDVYRDETAVQDYHGHKICDPYAWLEDPDSEQTKAFVEAQNKITVPFLE
QCPIRGLYKERMTELYDYPKYSCHFKKGKRYFYFYNTGLQNQRVLYVQDSLEGEARVFLDPNILSDDGTVALRGYAFSED
GEYFAYGLSASGSDWVTIKFMKVDGAKELPDVLERVKFSCMAWTHDGKGMFYNSYPQQDGKSDGTETSTNLHQKLYYH
VLGTDQSEDILCAEFPDEPKWMGGAELSDDGRYVLLSIREGCDPVNRLWYCDLQQESSGIAGILKWVKLIDNFEGEYDYV
TNEGTVFTFKTNRQSPNYRVINIDFRDPEESKWKVLVPEHEKDVLEWVACVRSNFLVLCYLHDVKNILQLHDLTTGALLKT
FPLDVGSIVGYSGQKKDTEIFYQFTSFLSPGIYHCDLTKEELEPRVFREVTVKGIDASDYQTVQIFYPKDGTKIPMFIVHKK
GIKLDGSHPAFLYGYGGFNISITPNYSVSRILFVRHMGILAVANIRGGGEYGETWHKGGILANKQNCDFDFQCAAELYIK
EGYTSPKRLTINGGSNGLLVAACANQRPDVFGCVIAQVGVMDMLKFHXYTIGHAWTTDYGCSDSKQHFVWLKYSPL
HNVKLPEADDIQYPSMLLLTADHDDRVPVPLHSLKFIATLQYIVGRSRKQSNPLLIHVDTKAGHGAGKPTAKVIEEVSDMF
AFIARCLNVDWIP

纯度:> 95% by HPLC

浓度:0.25 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.