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XPNPEP1, 1-623aa, Human, His tag, E.coli

产品货号: TP04513

第三版

别名: Xaa-Pro aminopeptidase 1 isoform 1, APP1, SAMP, XPNPEP, XPNPEPL, XPNPEPL1

描述: XPNPEP1 also known as Xaa-Pro aminopeptidase 1 isoform 1, is encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage of the N-terminal amino acid adjacent to a proline residue. This product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones. Recombinant human XPNPEP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol

分子量: 73.4kDa (655aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSEFELRRQASMPPKVTSELLRQLRQAMRNSEYVTEPIQAYIIPSGDAHQSEYIAPCD  
RAFVSGFDGSAGTAIITEEHAAMWTDGRYFLQAAKQMDSNWTLMKMGLKDTPTQEDWLVSVLPEGSRVGVDP  
LIPTD  
YWKKMAKVLRSAGHHLPVKENLVDKIWTDRPERPCKPLLTGLDYTGISWKDKVADLRLKMAERNVMWFVVTALDEI  
AWLFNLRGSDVEHNPVFFSYAIIIGLETIMLFIDGDRIDAPSVKEHLLLDLGLAEYRIQVHPYKSILSELKALCADLSPREK  
VW  
VSDKASYAVSETIPKDHRCMPYTPICIAKAVKNSAESEGMRAHIKDAVALCELFNWLEKEVPKGGVTEISAADKAEFR  
RQQADFVDSLFSPTISSTGPNGAIHYAPVPETNRTLSDDEVYLIDSGAQYKDGTTDVTRTMHFGTPTAYEKECF  
TYVLK  
GHI  
AVSAAVFPTGTKGHLLDLDFARSALWDSGLDYLHGTGHGVSFLNVHEGPCGISYKTFSDPLEAGMIVTDEPGYEDGAF  
GIRIENVVLVVPVKTKYNFNRRGSLTFEPLTLVPIQTKMIDVDSLTDKECDWLNNYHLTCRDVIGKELQKQGRQEAL  
EWL  
IRETQPISKQH
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纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Absorbance at 280nm)

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.