

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

PGPEP1, 1-209aa, Human, His tag, E.coli

产品货号: TP03389

第三版

别名:Pyroglutamyl-peptidase 1, Pyroglutamyl-peptidase I, Pcp, PGP, PGP-I, PGPI

描述:PGPEP1 is an omega peptidase which removes pyroglutamyl residues from the amino termini of peptides and proteins. It is a cytosolic cysteine peptidase that is expressed in most cell types. The enzyme requires a thiolreducing agent for activity. PGPEP1 is potentially involved in the inactivation of biologically active peptides that possess an amino terminal pyroglutamyl group. Examples of such peptides include neurotensin, luteinizing hormone releasing hormone, and thyrotropinreleasing hormone. Recombinant human PGPEP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:25.5 kDa (232aa), confirmed by MALDI-TOF

序列:

纯度:> 95% by HPLC

浓度:1 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.