

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。

Pebp1, 1-187aa, Mouse, His tag, E.coli

产品货号: TP03343

第三版

别名:HCNP, Pbp, Pbp1, Pbqr, Rkip

描述:Pebp1 also known as Phosphatidylethanolamine-binding protein 1. The protein Binds with ATP, opioids and phosphatidylethanolamine. Pebp1 exerts inhibitory activity against several serine proteases including thrombin, neuropsin, and chymotrypsin, it also inhibits the kinase activity of RAF1 by inhibiting its activation and by dissociating the RAF1/MEK complex and acting as a competitive inhibitor of MEK phosphorylation. Also, targeting Pebp1 levels can delay photoreceptor degeneration, assisting in extending the time-window for treating such rapidly progressing blindness disorder. Recombinant mouse Pebp1, 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 10% glycerol

分子量:23.2kDa (210aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMADISQWAGPLCLQEVDPEPPQHALRVDYAGVTVDELGKVLTPQTQVMNRSSIS
WDGLDPGKLYTLVLTDPDAPSRKDPKFWREWHFLVVMKGNDISSGTVLSDYVGSPPSGTGLHRYVWLVYEQEQPLSC
DEPILSNKSGDNRGKFKVETFRKKYNLGA PVAGTCYQAEWDDYVPKLYEQLSGK

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.