

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。

IPP-1, 1-171aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02684

第三版

别名:Protein phosphatase inhibitor-1, IPP-1, I-1, PPI-1

描述:Protein phosphatase inhibitor-1(IPP-1) plays an important role in the regulation of glycogen metabolism through inhibition of type-1 protein serine/threonine phosphatase(PP1) activity, and it has been implicated in the regulation of cell growth. IPP-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. In the presence of calcium, PPI-1 is inactivated by calcineurin (or PP2B).

配方:Liquid. In 50 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT,1 mM EDTA, 0.1 mM PMSF, 10% glycerol

分子量:20kDa (179aa), confirmed by MALDI-TOF

序列:

MEQDNSPRKIQFTVPLLEPHLDPEAAEQIRRRRPTPATLVLTSDQSSPEIDEDRIPNPHLKSTLAMSPRQRKKMTRITPTMKE
LQMMVEHHLGQQQQGEEPEGAAESTGTQESRPPGIPDTEVESRLGTSGTAKKTAECIPKThERGSKEPSTKEPSTHIPPLDS
KGANSVLEHHHHHH

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.