

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

ARPP19, 1-112aa, Human, His tag, E.coli

产品货号: TP01235

第三版

别名:cAMP-regulated phosphoprotein 19, ARPP-16, ARPP-19, ARPP16, ENSAL

描述:cAMP-regulated phosphoprotein 19, also known as ARPP19, is protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A (PP2A) during mitosis. When phosphorylated at Ser-62 during mitosis, specifically interacts with PPP2R2D (PR55-delta) and inhibits its activity, leading to inactivation of PP2A, an essential condition to keep cyclin-B1-CDK1 activity high during M phase. This protein may indirectly enhance GAP-43 expression. Recombinant human ARPP19 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, 10% glycerol

分子量:14.7kDa (135aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMsAEVPEAASAEQKEMEDKVTsPEKAEEAKLKARYPHLGQKPGGSDFLRKRLQK  
GQKYFDsgDYNMAKAKMKNKQLPTAAPDKTEVTGDHIPTPQDLpQRKPSLVASKLAG

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by BCA 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.