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PPP1R14A, 1-147aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03502

第三版

别名:Protein phosphatase 1, regulatory (inhibitor) subunit 14A, CPI-17, CPI17, PPP1INL.

描述:PPP1R14A (Protein phosphatase 1 regulatory subunit 14A) is a phosphorylation-dependent inhibitory protein for smooth muscle myosin phosphatase. Myosin phosphatase can reverse MYL (myosin light chain) phosphorylation to induce a state of relaxation. However, during agonist-induced contraction at constant Ca²⁺ concurrent inhibition of myosin phosphatase leads to increases in MYL phosphorylation and tension.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT 2 mM EDTA, 10% glycerol

分子量:18 kDa (167 aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAQRLGKRVLSKLQSPSRARGPGGSPGGLQKRHARVTVKYDRRELQRRLDVEKWIDG
RLEELYRGMEADMPDEINIDELLESEEEERSRKIQGLLKSCGKPVDFIQELLAKLQGLHRQPGLRQPSPSHDGSLSPLQDR
ARTAHP

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.