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PPP3R1, 1-170aa, Human, His tag, E.coli

产品货号: TP03509

第三版

**别名:**Protein phosphatase 3 regulatory subunit B alpha, Calcineurin subunit B type 1, CALNB1, CNB, CNB1.

**描述:**PPP3R1, also known as Calcineurin subunit B type 1, is a Ser/Thr-specific calcium and calmodulindependent protein phosphatase that plays an essential role in the T cell activation pathway. Calcineurin is composed of two subunits; calcineurin A (CnA) and calcineurin B (CnB). Dephosphorylation of the nuclear factor of activated T-cells (NF-AT) by Calcineurin is essential for NF-AT activation, nuclear translocation, and early gene expression in T-cells.

**配方:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

**分子量:**21.5 kDa (190aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGNEASYPLEMCSHFDADEIKRLGKRFFKLDLDNSGSLSVVEEFMSLPELQQNPLVQRVID  
IFDTDGNGEVDFKEFIEGVSQFSVKGDKEQKLRFAFRIYDMDKGDGYISNGELFQVLKMMVGNLKDQLQQIVDKTIINA  
DKDGDGRISFEEFCVVGGLDIHKKMVVDV

**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.