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PPP3R2, 1-173aa, Human, His tag, E.coli

产品货号: TP03510

第三版

别名:Protein phosphatase 3, regulatory subunit B type 2, PPP3RL.

描述:PPP3R2 is a calcium-dependent, calmodulin stimulated serine/threonine protein phosphatase. In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit.

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

分子量:22 kDa (193aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSTMGNEASYPAEMCSHFDNDEIKRLGRRFKKLDLKD KSGSLSVVEEFMSLPELRHNPLVRR
VIDVFDTDGDGEVDFKEFILGTSQFSVKGDEEQKLRFASFYDMDKDGYSNGELFQVLKMMVGNLTDWQLQLVDKT
IIILDKDGDGKISFEFSAVVRDLEIHKKLV LIV

纯度:> 95% by HPLC

浓度:0.5 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.