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PPP1R2, 1-166aa, Human, His tag, E.coli

产品货号: TP03503

第三版

别名:Protein phosphatase inhibitor 2, Protein phosphatase 1, regulatory (inhibitor) subunit 2, IPP-2; IPP2

描述:PPP1R2 is an inhibitor of protein-phosphatase 1 and forms heterodimer with PP1. Phosphorylation on Thr-73 by GSK3 activates PP1 by dissociating the PP1-PPP1R2 complex. Phosphorylation on Ser-44 by ATM activates PP1 by dissociating the PP1-PPP1R2 complex. Recombinant human PPP1R2 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(pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT

分子量:21kDa (189aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGMAASTASHRPIKGILKNKTSTTSSMVASAEQPRGNVDEELSKKSQKWDEMNILATY
HPADKDYGLMKIDEPSTPYHSMMGDDEDACSDTEATEAMAPDILARKLAAAEGLEPKYRIQEQESSGEEDSDLSPEEREKK
RQFEMKRKLHYNEGLNIKLARQLISKDLH

纯度:> 95% by HPLC

浓度:0.25 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.