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FKBP1B, 1-108aa, Human, His tag, E.coli

产品货号: TP02134

第三版

别名:Peptidyl-prolyl cis-trans isomerase FKBP1B, FKBP12.6, FKBP1L, OTK4, PKBP1L, PPIase

描述:FKBP1B, also known as peptidyl-prolyl cis-trans isomerase FKBP1B, is a member of the immunophilin protein family which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 (tacrolimus) and rapamycin (sirolimus). It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. Recombinant human FKBP1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量:14.2 kDa (130aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHRSMGVEIETISPGDGRTPKKGQTCVVHYTGMLQNGKKFDSSDRNKPFKFRIGKQEV
KGFEEGAAQMSLGQRAKLTCTPDVAYGATGHPGVIPP NATLIFDVELLNLEtmp/IBATGP1267

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.