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Fkbp1a,1-108aa , Mouse, His tag, E.coli

产品货号: TP02133

第三版

别名:Peptidyl-prolyl cis-trans isomerase FKBP1A, 12kDa, Fkbp, Fkbp1, FKBP12, FKBP12-T1, FKBP12-T2, mFKBP1, mFKBP12

描述:Fkbp1a also known as peptidyl-prolyl cis-trans isomerase FKBP1A belongs to the immunophilin protein family, which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. Fkbp1a also plays a role in intracellular calcium regulation by associating with three types of calcium release channel complexes, cardiac and skeletal ryanodine receptors and the inositol 1, 4, 5-trisphosphate receptor. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. Recombinant mouse Fkbp1a, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:14.4kDa (132aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMGVQVETISPGDGRTFPKRGQTCVVHYTGMLEDGKKFDSSRDRNKPFKFTLGK
QEVIRGWEEGVAQMSVGQRAKLISSDYAYGATGHPGIIPPHATLVFDVELLKE

纯度:> 95% by HPLC

浓度:0.5mg/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.