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FKBP1a /FKBP12, 1-108aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02132

第三版

别名:FK506 binding protein 1a, 12kDa, PPIase FKBP1A, Rotamase, FKBP1, PKC12

描述:FK506 binding protein 1a, also known as FKBP12, belongs to the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP12 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 human FKBP12, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 100 mM NaCl, 1mM DTT, 10% glycerol

分子量:14.1 kDa (128aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGVQVETISPGDGRTFPKRGQTCVVHYTGMLEDGKKFDSSRDNRNPKFKFMLGKQEVIR
GWEEGVAQMSVGQRAKLTISPDYAYGATGHPGIIPPHATLVFDVELLKE

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.