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FKBP3, 1-224aa, Human, E.coli

产品货号: TP02136

第三版

别名:FK506 binding protein 3, FKBP25, PPIase FKBP3, Rotamase

描述:FK506 binding protein 3 (FKBP3), also known as FKBP25, is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP3 associates with transcriptional repressor protein YY1 and histone deacetylases, HDAC1 and HDAC2. Also, FKBP3 may contain several casein kinase II phosphorylation sites, which are believed to be important for cell growth regulation. It is localized in the nucleus and is expressed in the brain, testis, ovary, and spleen. Recombinant human FKBP3 was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量:25.1 kDa (224aa), confirmed by MALDI-TOF

序列:

MAAAVPQRAWTVELRSEQLPKKDIIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETKRFGKTESISK
VSEQVKNVKLNEDKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYTGTLQDGTVFDTNIQTSAKKKKN
AKPLSFKVGVGKVIKRWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPPNAKLTFEVELVDID

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.