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FKBP14, 20-211aa, Human, His tag, E.coli

产品货号: TP02131

第三版

别名:Peptidyl-prolyl cis-trans isomerase FKBP14, FKBP22

描述:FKBP14, also known as 22 kDa FK506-binding protein, is an enzyme that accelerates the folding of proteins during protein synthesis. This protein contains two EF-hand domains and one PPIase FKBP-type domain. Truncation of the amino-terminus of FKBP14 greatly reduces peptidyl prolyl cis-trans isomerase activity, therefore suggesting that the PPIase FKBP-type domain must be located at the N-terminus. Recombinant human FKBP14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid in Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

分子量:24.2 kDa (213aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMALIPEPEVKIEVLQKPFICHRKTKGGDLMLVHYEGYLEKDGLFHSTHKHNNQPIWF
TLGILEALKGWDQGLKGMCVGEKRKLIIPPALGYGKEGKGIPESTLIFNIDLLEIRNGPRSHESFQEMDLNDDWKLSKDE
VKAYLKKEFEKHGAVVNESHHDALVEDIFDKEDEDKDGFIAREFTYKHDEL

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.