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FKBP2, 22-142aa, Human, E.coli

产品货号: TP02135

第三版

别名:Peptidyl-prolyl cis-trans isomerase FKBP2, FKBP-13, PPIase.

描述:FKBP2 is peptidyl proline isomerase enzyme and a member of the immunophilin protein family. This protein is predominantly expressed in thymus and T cells and plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. It is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. FKBP2 is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Recombinant FKBP2 protein was expressed in E.coli and purified by using conventional chromatography techniques.

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

分子量:13.4 kDa (122aa), confirmed by MALDI-TOF

序列:

MATGAEGKRKRLQIGVKKRVDHCPIKSRKGDVLHMHYTGKLEDGTEFDSSLPQNQPFFVSLGTGQVIKGDQGLLMCE
GEKRKLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRTEL

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.