

## 32-2326: FKBP2 Recombinant Protein

**Alternative Name** : FKBP13,FKBP-2,Peptidyl-prolyl cis-trans isomerase FKBP2,PPlase FKBP2,FK506-binding protein 2,Rotamase,Immunophilin FKBP13,13 kDa FK506-binding protein,13 kDa FKBP,FKBP-13,FKBP2,PPlase.

### Description

Source : Escherichia Coli. FKBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 122 amino acids (22-142 a.a.) and having a molecular mass of 13.4 kDa. The FKBP2 is purified by proprietary chromatographic techniques. FKBP2 is part of the immunophilin protein family, which takes part in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP2 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. FKBP2 functions as an ER chaperone and as a component of membrane cytoskeletal scaffolds.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The FKBP2 solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MATGAEGKRK LQIGVKKRVD HCPKSRKGD VLHMHYTGKL EDGTEFDSSL PQNQPFVFSL GTGQVIKQWD QLLGMCEGE KRKLVIPSEL GYGERGAPPK IPGGATLVFE VELLKIERRT EL.

### Application Note

Specific activity is > 270 nmoles/min/ug, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.

