

FK506 Binding Protein 2 Human Recombinant

Item Number	rAP-1113
Synonyms	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, PPIase.
Description	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.
Uniprot Accession Number	P26885
Amino Acid Sequence	MATGAEGKRK LQIGVKKRVD HCPIKSRKGD VLHMHYTGKL EDGTEFDSSL PQNQPFVFSL GTGQVIKQWD QLLGMCEGE KRKLVIPSEL GYGERGAPPK IPGGATLVFE VELLKIERRT EL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. 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.
Formulation and Purity	The FKBP2 solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**