

## FK506 Binding Protein 3 Human Recombinant

<b>Item Number</b>	rAP-1112
<b>Synonyms</b>	EC 5.2.1.8, FKBP-3, FKBP25, FKBP-25, Peptidyl-prolyl cis-trans isomerase FKBP3, PPlase FKBP3, FK506-binding protein 3, Rotamase, Immunophilin FKBP25, 25 kDa FK506-binding protein, 25 kDa FKBP, Rapamycin-selective 25 kDa immunophilin, FKBP3, PPlase.
<b>Description</b>	FKBP3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (1-224 a.a.) and having a molecular mass of 25.1 kDa. FKBP3 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q00688
<b>Amino Acid Sequence</b>	MAAAVPQRAW TVEQLRSEQL PKKDIKFLQ EHGSDSFLAE HKLLGNIKNV AKTANKDHLV TAYNHLFETK RFKGTESISK VSEQVKNVKL NEDKPKETKS EETLDEGPPK YTKSVLKKGD KTNFPKKGDV VHCWYTGTQ DGTVFDTNIQ TSAKKKKNAK PLSFKVGVGK VIRGWDEALL TMSKGE- KARL EIEPEWAYGK KGQPDAKIPP NAKLTFEVEL VDID.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered 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.
<b>Formulation and Purity</b>	The FKBP3 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Specific activity is > 490 nmoles/min/mg, 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.
<b>Shipping Format and Condition</b>	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**