

## FK506 Binding Protein 1B Human Recombinant

<b>Item Number</b>	rAP-1109
<b>Synonyms</b>	Peptidyl-prolyl cis-trans isomerase FKBP1B, PPlase FKBP1B, 12.6 kDa FK506-binding protein, 12.6 kDa FKBP, FKBP-12.6, FK506-binding protein 1B, FKBP-1B, Immunophilin FKBP12.6, Rotamase, h-FKBP-12, FKBP1B, FKBP12.6, FKBP1L, FKBP9, OTK4.
<b>Description</b>	FKBP1B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 130 amino acids (1-108) and having a molecular mass of 14.2kDa.FKBP1B is fused to a 22 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P68106
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH RSMGVEIETI SPGDGRTPFK KGQTCVVHYT GMLQNGKKFD SSRDRN-KPFFK FRIGKQEVIK GFEEGAAQMS LGQRAKLTCT PDVAYGATGH PGVIPP NATL IFDVELLNLE.
<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 FKBP1B solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE analysis.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Specific activity is > 300 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**