

# Human FKBP3 Recombinant Protein



RPPB1643

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## Product Information    Protein Information

**Product SKU:**

RPPB1643

**Accession:**

Q00688

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

EC 5.2.1.8, FKBP-3, FKBP25, FKBP-25, Peptidyl-prolyl cis-trans isomerase FKBP3, PPIase FKBP3, FK506-binding protein 3, Rotamase, Immunophilin FKBP25, 25 kDa FK506-binding protein, 25 kDa FKBP, Rapamycin-selective 25 kDa immunophilin, FKBP3, PPIase.

**Formulation:**

The FKBP3 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MAAAVPQRAW TVEQLRSEQL PKKDIKFLQ EHGSDSFLAE HKLLGNIKNV AKTANKDHLV TAYNHLFETK  
RFKGTESISK VSEQVKNVKL NEDKPKETKS EETLDEGPPK YTKSVLKKGD KTNFPKKGDV VHCWYTGTLQ  
DGTVFDTNIQ TSAKKKNAK PLSFKVGVGK VIRGWDEALL TMSKGEKARL EIEPEWAYGK KGQPDAKIPP  
NAKLTFEVEL VDID.

**Biological Activity:**

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.