

# Human FKBP6 Recombinant Protein



RPPB1646

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## Product Information    Protein Information

**Product SKU:**

RPPB1646

**Accession:**

O75344

**Protein description:**

FKBP6 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 347 amino acids (1-327 a.a.) and having a molecular mass of 39.3 kDa. FKBP6 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

FKBP36, EC 5.2.1.8, FKBP-6, PPlase, MGC87179, FK506-binding protein 6, Rotamase.

**Formulation:**

FKBP6 Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA, 50mM NaCl & 40% glycerol.

**Purity:**

Greater than 95% 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:**

MGSSHHHHHH SGLVPRGSH MGGSALNQGV LEGDDAPGQS LYERLSQRML DISGDRGVLK DVIREGAGDL  
VAPDASVLVK YSGYLEHMDR PFDSNYFRKT PRLMKLGEDI TLWGMELGLL SMRRGELARF LFKPNYAYGT  
LGCPLIPPN TTVLFEIELL DFLDCAESDK FCALSAEQQD QFPLQKVLKV AATEREFNGY LFRQNRFYDA  
KVRYKRALLL LRRRSAPPEE QHLVEAAKLP VLLNLSFTYL KLDRTIALC YGEQALIIDQ KNAKALFRCG  
QACLLLEYQ KARDFLVRAQ KEQPFNHDIN NELKKLASCY RDYVDKEKEM WHRMFAPCGD GSTAGES.

**Biological Activity:**

Specific activity is > 190 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.