

## Product datasheet for **TP302200L**

### **FKBP25 (FKBP3) (NM\_002013) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human FK506 binding protein 3, 25kDa (FKBP3), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC202200 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAAVPQRAWTVEQLRSEQLPKKDIIFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETK  
RFKGTESISKVSEQVKNVKNLNEKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDWVHCWYTGTLQ  
DGTVFDTNIQTSAKKKKNAKPLSFKVGKVGKIRGWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPP  
NAKLTFEVELVDID

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 25 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_002004](#)

**Locus ID:** 2287

**UniProt ID:** [Q00688](#)



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RefSeq Size: 1353

Cytogenetics: 14q21.2

RefSeq ORF: 672

Synonyms: FKBP-3; FKBP-25; FKBP25; PPIase

**Summary:** The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin. [provided by RefSeq, Sep 2008]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

### Product images:



Coomassie blue staining of purified FKBP3 protein (Cat# [TP302200]). The protein was produced from HEK293T cells transfected with FKBP3 cDNA clone (Cat# [RC202200]) using MegaTran 2.0 (Cat# [TT210002]).