

## Product datasheet for **TP302200M**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FK506 binding protein 3, 25kDa (FKBP3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202200 protein sequence <b>Red</b> =Cloning site <b>Green</b> =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:	<a href="#">NP_002004</a>
Locus ID:	2287
UniProt ID:	<a href="#">Q00688</a>



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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]).