

Product datasheet for **TP302200**

FKBP25 (FKBP3) (NM_002013) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human FK506 binding protein 3, 25kDa (FKBP3), 20 µg

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

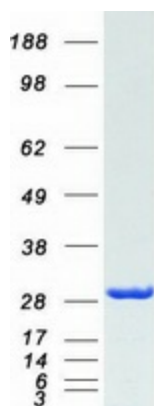
RefSeq ORF: 672

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]).