

Product datasheet for TP302200L

OriGene Technologies, Inc.

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

MAAAVPQRAWTVEQLRSEQLPKKDIIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETK RFKGTESISKVSEQVKNVKLNEDKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYTGTLQ DGTVFDTNIQTSAKKKKNAKPLSFKVGVGKVIRGWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPP

NAKLTFEVELVDID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25 kDa

Concentration: $>0.05 \mu g/\mu L$ 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



FKBP25 (FKBP3) (NM_002013) Human Recombinant Protein - TP302200L

RefSeq Size: 1353

Cytogenetics: 14q21.2

RefSeq ORF: 672

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

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

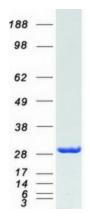
immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506

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]).