

OriGene Technologies, Inc.

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Product datasheet for TP302200M

FKBP25 (FKBP3) (NM_002013) Human Recombinant Protein

Product data:

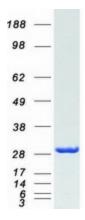
| Product Type: | Recombinant Proteins |
|--|--|
| Description: | Recombinant protein of human FK506 binding protein 3, 25kDa (FKBP3), 100 μg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202200 protein sequence Red=Cloning site Green=Tags(s) |
| | MAAAVPQRAWTVEQLRSEQLPKKDIIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETK RFKGTESISKVSEQVKNVKLNEDKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYTGTLQ DGTVFDTNIQTSAKKKKNAKPLSFKVGVGKVIRGWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPP 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: | <u>NP 002004</u> |
| Locus ID: | 2287 |
| UniProt ID: | <u>Q00688</u> |
| | |



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| | FKBP25 (FKBP3) (NM_002013) Human Recombinant Protein – TP302200M |
|------------------|--|
| 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]).

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