

## Product datasheet for **TP310573M**

### **FKBP2 (NM\_004470) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human FK506 binding protein 2, 13kDa (FKBP2), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC210573 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRLSWFQVLTVLSICLSAVATATGAEGKRKLQIGVKKRVDHCPIKSRKGDVLMHMYTGKLEDGTEFDSSL  
PQNQPFVFLGTGQVIKQWDQGLLGMCEGEKRKLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRT  
EL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	13.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_004461</a></u>
<b>Locus ID:</b>	2286
<b>UniProt ID:</b>	<u><a href="#">P26885</a></u> , <u><a href="#">Q53XJ5</a></u>



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RefSeq Size: 747

Cytogenetics: 11q13.1

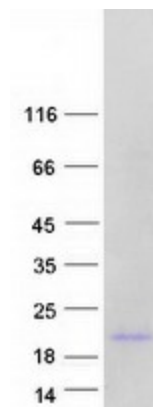
RefSeq ORF: 426

Synonyms: FKBP-13; FKBP13; 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. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified FKBP2 protein (Cat# [TP310573]). The protein was produced from HEK293T cells transfected with FKBP2 cDNA clone (Cat# [RC210573]) using MegaTran 2.0 (Cat# [TT210002]).