

Product datasheet for **TP301608L**

FKBP2 (NM_057092) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FK506 binding protein 2, 13kDa (FKBP2), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201608 protein sequence Red =Cloning site Green =Tags(s)

MRLSWFRVLTVLSICLSAVATATGAEGKRKLQIGVKKRVDHCPIKSRKGDVLMHMYTGKLEDGTEFDSSL
PQNQPFVFLGTGQVIKQWDQGLLGMCEGEKRLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRT
EL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	13.3 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_476433</u>
Locus ID:	2286
UniProt ID:	<u>P26885</u> , <u>Q53XJ5</u>



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RefSeq Size: 653

Cytogenetics: 11q13.1

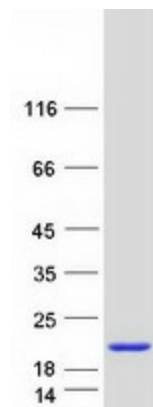
RefSeq ORF: 426

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# [TP301608]). The protein was produced from HEK293T cells transfected with FKBP2 cDNA clone (Cat# [RC201608]) using MegaTran 2.0 (Cat# [TT210002]).