

## Product datasheet for **TP300667**

### FKBP1B (NM\_054033) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FK506 binding protein 1B, 12.6 kDa (FKBP1B), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200667 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGVEIETISPGDGRTFPKKGQTCVVHYTGMLQNGKKFDSSRDNRNPFKFRIGKQEVIKGFEEGAAQLGPL SPLPICPHPC
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	8.6 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:	<a href="#">NP_473374</a>
Locus ID:	2281
UniProt ID:	<a href="#">P68106</a>
RefSeq Size:	1016



[View online »](#)

Cytogenetics: 2p23.3

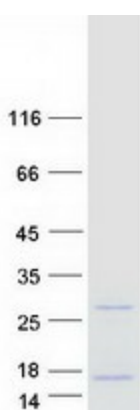
RefSeq ORF: 240

Synonyms: FKBP1L; FKBP12.6; OTK4; PKBP1L; 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 highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified FKBP1B protein (Cat# TP300667). The protein was produced from HEK293T cells transfected with FKBP1B cDNA clone (Cat# [RC200667]) using MegaTran 2.0 (Cat# [TT210002]).