

## Product datasheet for **TP721091L**

### **FKBP2 (NM\_057092) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human FK506 binding protein 2, 13kDa (FKBP2), transcript variant 2
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Ala22-Leu142
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	14.3 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_476433</a>
<b>Locus ID:</b>	2286
<b>UniProt ID:</b>	<a href="#">P26885</a> , <a href="#">Q53XJ5</a>
<b>RefSeq Size:</b>	653
<b>Cytogenetics:</b>	11q13.1
<b>RefSeq ORF:</b>	426
<b>Synonyms:</b>	FKBP-13; FKBP13; PPlase



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**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