

## Product datasheet for **TP524601**

### **Fkbp5 (NM\_010220) Mouse Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse FK506 binding protein 5 (Fkbp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR224601 representing NM\_010220  
**Red**=Cloning site **Green**=Tags(s)

MTTDEGTSNNGENPAATMTEQGEDITTKKDRGVLKIVKRVGTSDEAPMFGDKVYVHYKGMLSDGKKFDSS  
HDRKKPFAFSLGQGQVIKAWDIGVSTMKKGEICHLCKPEYAYGSAGHLQKIPSNATLFFEIELLDFKGE  
DLFEDSGVIRRIKRGEGYSNPNEGATVKVHLEGCCGRTFDCRDVVFVVGEGEDHDIPIGIDKALVKMQ  
REEQCILYLGPRYGFGEAGKPKFGIDPNAELMYEVTLSFEKAKESWEMDTKEKLTQAAIVKEKGTVYFK  
GGKYTQAVIQYRKIVSWLEMEYGLSEKESKASESFLAAFLNLAMCYLKLREYNKAVECCDKALGLDSAN  
EKGLYRRGEAQLLMNDFESAKGDFEKVLAVNPQNRAARLQISMCRKAKEHNERDRRVYANMFKKFAERD  
AKEEASKAGSKKAVEGAAGKQHESQAMEEGKAKGHV

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 51.4 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

**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 after receiving vials.

**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:** [NP\\_034350](#)

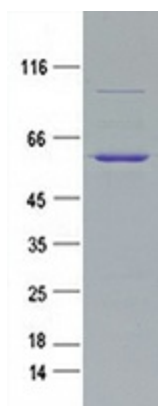
**Locus ID:** 14229



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UniProt ID:	<a href="#">Q64378</a> , <a href="#">Q4FJN2</a>
RefSeq Size:	3523
Cytogenetics:	17 14.66 cM
RefSeq ORF:	1368
Synonyms:	D17Ert592e; Dit1; FKBP-5; FKBP51
Summary:	Immunophilin protein with PPIase and co-chaperone activities. Component of unligated steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). Plays a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors maintaining the complex into the cytoplasm when unliganded.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Fkbp5 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.