

## Product datasheet for TP527193

### Fkbp4 (NM\_010219) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse FK506 binding protein 4 (Fkbp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227193 representing NM_010219 Red=Cloning site Green=Tags(s)

MTAEEMKAAENGAQSAPLPLEGVDISPKQDEGVLKVIKREGTGTETPMIGDRVHVHYTGWLLDGTKFDSS  
LDRKDKFSFDLGKGEVIKAWDIAVATMKVGEVCHITCKPEYAYGAAGSPPKIPPATLVFEVELFEFKGE  
DLTEEDGGIIRIRTRGEGYARPNDGAMVEVALEGYHKDRLFDQRELCFEVGEGESLDLPCGLEEAIQR  
MEKGEHSIVYLKPSYAFGSVGKERFQIPPHAELRYEVLKSFKAKESWEMSSAEKLEQSNIVKERGTAY  
FKEGKYKQALLQYKKIVSWLEYESSFSGEEMQKVHALRLASHLNLAMCHLKLQAFSAAIESCNKALELDS  
NNEKGLFRRGEAHLAVNDFDLARADFQKVLQLYPSNKA AKTQLAVCQQRTRRQLAREKKLYANMFERLAE  
EEHKVKA EVAAGDHPPTDAEMKGERNNVAENQSRVETEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52 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:	<a href="#">NP_034349</a>
Locus ID:	14228



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UniProt ID: [P30416](#)

RefSeq Size: 2167

Cytogenetics: 6 F3

RefSeq ORF: 1374

Synonyms: 59kDa; AL022792; AW208983; FKBP-4; FKBP-52; FKBP52; FKPB52; p59

**Summary:** Immunophilin protein with PPIase and co-chaperone activities. Component of steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. May have a protective role against oxidative stress in mitochondria.[UniProtKB/Swiss-Prot Function]