

## 32-8264: Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP4/FKBP4 (C-6His)

**Gene :** FKBP4  
**Gene ID :** 2288  
**Uniprot ID :** Q02790

### Description

Source: E. coli.  
MW :52.8kD.

Recombinant Human FKBP52 is produced by our E.coli expression system and the target gene encoding Met1-Ala459 is expressed with a 6His tag at the C-terminus. FKBP4 act as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. FKBP4 may play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments, it also may have a protective role against oxidative stress in mitochondria. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM Tris,10%glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MTAEEMKATESGAQSAPLMEGVDISPKQDEGV LKVIKREGTGTEMPMIGDRV FVHYTGWLLDGT KFDSSSLDR  
KDKFSFDLGKGEVIKAWDIAIATMKVGEVCHITCKPEYAYGSAGSPPKIPP NATLVFEVELFEFKGEDL TEEEDGG  
IIRRIQTRGEGYAKPNEGAI VEVALEGYYKDKLFDQREL RFEIGEGENLDLPYGLERAIQRMEKGEHSIVY LKPSYA  
FGSVGKEKFQIPPNAELKYELHLKSF EKAKESWEMNSEEKLEQSTIVKERTVYFKEGKYQALLQYK KIVSWLE  
YESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSAAIESCNKALELDSNNEKGLFRRGEAHLAVNDFELARAD  
FQKVLQLYPNNKAAKTQLAVCQQRIRRLAREKKLYANMFERLAE EENKAKAEASSGDHPTDTEMKEEQSNT  
AGSQSQVETEAL EHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.