

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 : MTAEEMKATESGAQSAPLMEGVDISPKQDEGVLKVIKREGTGTEMPMIGDRVHVHYTGWLLDGTKFDSSSLDR
KDKFSFDLGKGEVIKAWDIAIATMKVGEVCHITCKPEYAYGSAGSPPKIPPATLVFEVELFEFKGEDLTEEEDGG
IIRRIQTRGEGYAKPNEGAIIVEVALEGYYKDKLFDQRELRFEGEENLDLPYGLERAIQRMEKGEHSIVYKPSYA
FGSVGKEKFQIPPNAELKYELHLKSFKAKESWEMNSEEKLEQSTIVKERTVYFKEGKYQALLQYKIVSWLE
YESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSAAIESCNKALELDSNNEKGLFRRGEAHLAVNDFELARAD
FQKVLQLYPNNKAAKTQLAVCQQRIRRLAREKKLYANMFERLAEENKAKAEASSGDHPTDTEMKEEQSNT
AGSQSQVETEALHHHHHHH

Application Note

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