

Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP4/FKBP4 Protein(C-6His)

Cat.NO.: TP04619

3th Edition

Synonyms:Peptidyl-prolyl cis-trans isomerase FKBP4; 51kDa FK506-binding protein; 51kDa FK506-binding protein; 59kDa immunophilin; FK506-binding protein 4; FKBP59; HSP-binding immunophilin; immunophilin FKBP52; Rotamase; FKBP4

Description: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.

Form:PBS

Molecular Weight:52.8 kDa

Sequences:Met 1-Ala459

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.