

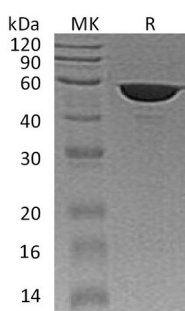
Product Name: Recombinant Human FKBP4 (C-6His)
Catalog #: PEH0671



Summary

Name	FKBP4/Peptidyl-prolyl cis-trans isomerase FKBP4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human 52 kDa FK506 Binding Protein 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.
Accession #	Q02790
Host	E.coli
Species	Human
Predicted Molecular Mass	52.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	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
Background	FKBP4 act as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability

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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.

Note

For Research Use Only , Not for Diagnostic Use.