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Datasheet for ABIN7318885 FKBP4 Protein (His tag)

Overview

Quantity:	50 µg
Target:	FKBP4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FKBP4 Protein (His Tag)
Sequence:	Met 1-Ala459
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FKBP4
Alternative Name:	FKBP4 (FKBP4 Products)
Background:	Background: 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

Target Details

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

Molecular Weight: 52.8 kDa

UniProt: [Q02790](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 10 % glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.