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## Datasheet for ABIN7318884 FKBP3 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	FKBP3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human FKBP3/FKBP25 Protein (His Tag)
Sequence:	Met 1-Asp224
Characteristics:	Recombinant Human 25 kDa FK506-binding protein is produced by our E.coli expression system and the target gene encoding Met1-Asp224 is expressed with a 6His tag at the N-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:	FKBP3
Alternative Name:	FKBP3/FKBP25 ( <a href="#">FKBP3 Products</a> )
Background:	Background: FKBP25 contains 1 PPlase FKBP-type domain, belongs to the FKBP-type PPlase family. FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the

## Target Details

two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. FKBP3 is a cis-trans prolyl isomerase enzyme that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.

Synonym: Peptidyl-prolyl cis-trans isomerase FKBP3, PPIase FKBP3, 25 kDa FK506-binding protein, 25 kDa FKBP, FKBP-25, FK506-binding protein 3, FKBP-3, Immunophilin FKBP25, Rapamycin-selective 25 kDa immunophilin, Rotamase, FKBP25

Molecular Weight: 27.3 kDa

UniProt: [Q00688](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 1 mM DTT, 10 % glycerol .

Storage: -20 °C

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