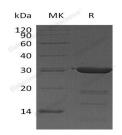
Recombinant Human FKBP3/FKBP25 Protein (His Tag)

Catalog No. PKSH032876

Note: Centrifuge before opening to ensure complete recovery of vial contents.

SynonymsPeptidyl-prolyl cis-trans isomerase FKBP3;PPlase 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;FKBP25SpeciesHumanExpression HostE.coliSequenceMet 1-Asp224AccessionQ00688Calculated Molecular Weight27.3 kDaJ0 kDa30 kDaTagN-HisBioactivityNot validated for activityPropertiesPurity> 95 % as determined by reducing SDS-PAGE.Endotoxin< 1.0 EU per µg of the protein as determined by the LAL method.	Description	
Expression HostE.coliExpression HostE.coliSequenceMet 1-Asp224AccessionQ00688Calculated Molecular Weight27.3 kDaObserved molecular weight30 kDaTagN-HisBioactivityNot validated for activityPropertiesPurity>95 % as determined by reducing SDS-PAGE.Endotoxin<1.0 EU per µg of the protein as determined by the LAL method.	Synonyms	protein;25 kDa FKBP;FKBP-25;FK506-binding protein 3;FKBP-3;Immunophilin
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Glycerol, pH 8.0.	Shipping	
Reconstitution Not Applicable	Formulation	
Not Applicable	Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

FKBP25 contains 1 PPIase FKBP-type domain; belongs to the FKBP-type PPIase family. FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the 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

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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.

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