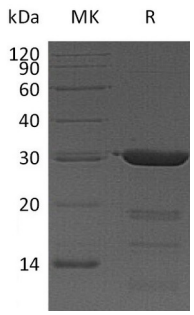
Product Name: Recombinant Human FKBP3 (N-6His)
Catalog #: PEH0670

Summary

Name	FKBP3/FKBP25
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q00688
Host	E.coli
Species	Human
Predicted Molecular Mass	27.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 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 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
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 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.

Note

For Research Use Only , Not for Diagnostic Use.