

Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP3 Protein(N-6His)

Cat.NO.: TP04657

3th Edition

Synonyms: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

Description: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.

Form:PBS

Molecular Weight:27.3 kDa

Sequences:Met 1-Asp224

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.