

Recombinant Human FKBP3 Protein, His-tagged

Cat. No. FKBP3-795H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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. PPlases accelerate the folding of proteins.
Form	Lyophilized from a 0.2 M filtered solution of 20mM TrisHCl, 1mM DTT, 10%glycerol, pH8.0
Molecular Mass	27.3kD
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAAAVPQRAWTVQLRSEQLPKKDIKFLQEHGSD SFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETKRFGKTESISKVSEQVKNVKLNED KPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYTGTGLQDGTVFDNI QTSAKKKKNAKPLSFKVGVGKVIRGWDEALLTMSKGEKARLEIEPEWAYGKKGQPD AKIPPNAKLTFEVELVDID
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name FKBP3 FK506 binding protein 3, 25kDa [Homo sapiens]

Official Symbol FKBP3

Synonyms FKBP3; FK506 binding protein 3, 25kDa; FK506 binding protein 3 (25kD); peptidyl-prolyl cis-trans isomerase FKBP3; FKBP 25; PPIase; rotamase; 25 kDa FKBP; PPIase FKBP3; immunophilin FKBP25; rapamycin binding protein; 25 kDa FK506-binding protein; FK506-binding protein 3 (25kD); FK506-binding protein 25, T-cell; rapamycin-selective 25 kDa immunophilin; FKBP-3; FKBP25; FKBP-25;

Gene ID 2287

mRNA Refseq NM_002013

Protein Refseq NP_002004

MIM 186947

UniProt ID Q00688

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