

Recombinant Full Length Human FKBP3 Protein, GST-tagged

Cat. No. FKBP3-4804HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FKBP3 full-length ORF (AAH16288, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	224 amino acids
Description	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase 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. [provided by RefSeq
Molecular Mass	50.38 kDa
AA Sequence	MAAAVPQRAWTVEQLRSEQLPKKDIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKD HLVTAYNHLFETKRFGKTESISKVSEQVKNVKNLNEKPKETKSEETLDEGPPKYTKS VLKKGDKTNFPKKGDVVHCWYTGTLDGTVDFTNIQTSAGEKKNAPLSFKVGVGK VIRGWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPPNAKLTFEVELVDID
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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