

Recombinant Human FKBP3

Cat. No. FKBP3-28915TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FKBP25; amino acids 1-224, Predicted mwt: 25 kDa;
Species	Human
Source	E.coli
ProteinLength	1-224 a.a.
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.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MAAAVPQRAWTVEQLRSEQLPKKDIKFLQEHGSDSFLAE HKLLGNIKNVAKTANKD HLVTAYNHLFETKRFGKTESISK VSEQVKNVKNLNDKPKETKSEETLDEGPPKYTKS VLKKGD KTNFPKKGDVVHCWYTGTLQDGTVFDTNIQTSAKKKKNAK PSFKVGVGK VIRGWDEALLTMSKGKARLEIEPEWAYGKK GQPDAKIPPNAKLTFEVELVDID
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Full Length	Full L.
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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;
Gene ID	2287
mRNA Refseq	NM_002013
Protein Refseq	NP_002004
MIM	186947
Uniprot ID	Q00688
Chromosome Location	14q21.2
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	FK506 binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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receptor activity;

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