

Recombinant Human FKBP2 Protein, His-tagged

Cat. No. FKBP2-734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP2(Met1~Leu142) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu142
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. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	FKBP2 FK506 binding protein 2, 13kDa [Homo sapiens]
Official Symbol	FKBP2
Synonyms	FKBP2; FK506 binding protein 2, 13kDa; FK506 binding protein 2 (13kD); peptidyl-prolyl cis-trans isomerase FKBP2; FKBP 13; peptidyl prolyl cis trans isomerase; PPIase; proline isomerase; rapamycin binding protein; FKBP-2; rotamase; 13 kDa FKBP; PPIase FKBP2; immunophilin FKBP13; rapamycin-binding protein; 13 kDa FK506-binding protein; FK506-binding protein 2 (13kD); FKBP-13;
Gene ID	2286
mRNA Refseq	NM_001135208
Protein Refseq	NP_001128680

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MIM	186946
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UniProt ID	P26885
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