

Recombinant Human FKBP8 protein, His-tagged

Cat. No. FKBP8-1287H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP8 aa. (Trp93~Asn339 (Accession # Q14318) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Trp93~Asn339
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. Unlike the other members of the family, this encoded protein does not seem to have PPlase/rotamase activity. It may have a role in neurons associated with memory function.
Form	Freeze-dried powder
Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	FKBP8 FK506 binding protein 8 [Homo sapiens (human)]
Official Symbol	FKBP8
Synonyms	FKBP8; FK506 binding protein 8; FKBP38; FKBP38; peptidyl-prolyl cis-trans isomerase FKBP8; 38 kDa FK506-binding protein; 38 kDa FKBP; FK506 binding protein 8, 38kDa; FKBP-38; FKBP-8; PPIase FKBP8; hFKBP38; rotamase
Gene ID	23770
mRNA Refseq	NM_001308373.1
Protein Refseq	NP_001295302.1

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UniProt ID

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