

## Recombinant Human FKBP8 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FKBP8 aa. (Trp93~Asn339 (Accession # Q14318) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Trp93~Asn339
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	29kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.4.

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	FKBP8 FK506 binding protein 8 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FKBP8
<b>Synonyms</b>	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
<b>Gene ID</b>	23770
<b>mRNA Refseq</b>	NM_001308373.1
<b>Protein Refseq</b>	NP_001295302.1

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UniProt ID

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