Recombinant Human FKBP10 protein, His-tagged

Cat. No. FKBP10-1289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP10 aa. (Val158~Asp440 fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val158~Asp440
Description	The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone. Alternatively spliced variants encoding different isoforms have been reported, but their biological validity has not been determined.
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

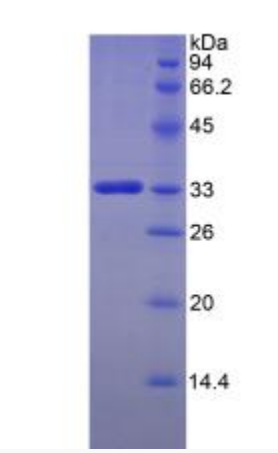
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FKBP10 FK506 binding protein 10 [Homo sapiens (human)]
Official Symbol	FKBP10
Synonyms	FKBP10; FK506 binding protein 10; OI6; OI11; BRKS1; FKBP65; PPIASE; hFKBP65; peptidyl-prolyl cis-trans isomerase FKBP10; 65 kDa FK506-binding protein; 65 kDa FKBP; FK506 binding protein 10, 65 kDa; FKBP-10; FKBP-65; PPIase FKBP10; immunophilin FKBP65; rotamase
Gene ID	60681
mRNA Refseq	NM_021939.3

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Protein Refseq	NP_068758.3
UniProt ID	Q96AY3
SDS-PAGE	

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