Recombinant Human FKBP7 protein, His & T7-tagged

Cat. No. FKBP7-1285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP7 aa. (Gln24~Tyr217 (Accession # Q9Y680) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln24~Tyr217
Description	The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. Members of this family exhibit PPIase activity and function as molecular chaperones. A similar protein in mouse is located in the endoplasmic reticulum and binds calcium.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.1kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.

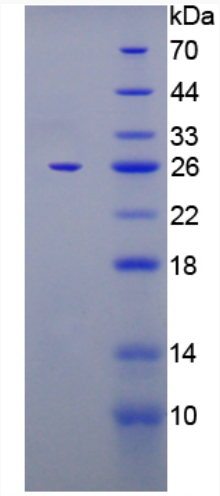
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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were 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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	FKBP7 FK506 binding protein 7 [Homo sapiens (human)]
Official Symbol	FKBP7
Synonyms	FKBP7; FK506 binding protein 7; FKBP23; PPIase; peptidyl-prolyl cis-trans isomerase FKBP7; 23 kDa FK506-binding protein; 23 kDa FKBP; FK506-binding protein 23; FKBP-23; FKBP-7; PPIase FKBP7; rotamase
Gene ID	51661
mRNA Refseq	NM_001135212.1
Protein Refseq	NP_001128684.1
UniProt ID	Q9Y680

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SDS-PAGE	 15% SDS-PAGE

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