

Recombinant Human FKBP7 protein, His-tagged

Cat. No. FKBP7-441H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP7 (Q9Y680) aa. (Gln24~Tyr217) fused with His tag was produced in HEK293F cells.
Species	Human
Source	HEK293
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: 23.9kDa; Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	Isoelectric point is 7.1.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling
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	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

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; PPIase FKBP7; rotamase
Gene ID	51661

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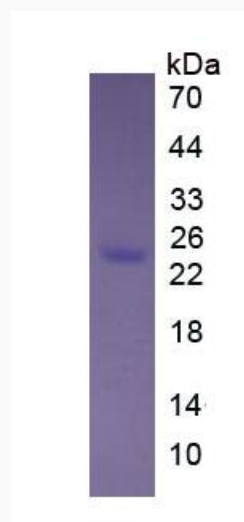
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mRNA Refseq [NM_001135212.1](#)

Protein Refseq [NP_001128684.1](#)

UniProt ID [Q9Y680](#)

SDS-PAGE



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