

Recombinant Human FKBP7, Fc-tagged

Cat. No. FKBP7-8565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP7(Met1-Gln218), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-218 a.a.
Predicted N Terminal	Gln 24
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose and 5 % mannitol.
Molecular Mass	The recombinant human FKBP7/Fc is a disulfide-linked homodimer. The reduced monomer comprises 436 amino acids and has a predicted molecular mass of 49.4 kDa. The apparent molecular mass of the protein is approximately 55kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°
Storage	Store it under sterile conditions at -20° to -80°. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	FKBP7 FK506 binding protein 7 [Homo sapiens]
Official Symbol	FKBP7
Synonyms	FKBP23; PPIase; peptidyl-prolyl cis-trans isomerase FKBP7; 23 kDa FK506-binding protein; 23 kDa FKBP; FK506-binding protein 23; FK506-binding protein 7; FKBP-23; FKBP-7; PPIase FKBP7; rotamase
Gene ID	51661
mRNA Refseq	NM_001135212
Protein Refseq	NP_001128684
MIM	607062
UniProt ID	Q9Y680
Chromosome Location	2q31.2
Function	FK506 binding; calcium ion binding; peptidyl-prolyl cis-trans isomerase activity

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