

Recombinant Human FKBP8 293 Cell Lysate

Cat. No. FKBP8-6202HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FK506 binding protein 8, 38kDa (FKBP8) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

FKBP8 FK506 binding protein 8, 38kDa [Homo sapiens]

Official Symbol

FKBP8

Synonyms

FKBP8; FK506 binding protein 8, 38kDa; FK506 binding protein 8 (38kD); peptidyl-prolyl cis-trans isomerase FKBP8; FKBP38; FKBP38; FKBP-8; FKBP-38; hFKBP38; rotamase; 38 kDa FKBP; PPIase FKBP8; 38 kDa FK506-binding protein; FK506-binding protein 8 (38kD);

Gene ID

23770

mRNA Refseq

NM_012181

Protein Refseq

NP_036313

MIM

604840

UniProt ID

Q14318

Chromosome Location

19p12

Pathway

Role of Calcineurin-dependent NFAT signaling in lymphocytes, organism-specific biosystem;

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Function

FK506 binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity; protein binding;

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