

Recombinant Human FKBP1B 293 Cell Lysate

Cat. No. FKBP1B-6209HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FK506 binding protein 1B, 12.6 kDa (FKBP1B), transcript variant 2 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

FKBP1B FK506 binding protein 1B, 12.6 kDa [Homo sapiens]

Official Symbol

FKBP1B

Synonyms

FKBP1B; FK506 binding protein 1B, 12.6 kDa; FK506 binding protein 1B (12.6 kD) , FKBP1L; peptidyl-prolyl cis-trans isomerase FKBP1B; FKBP9; FKBP12.6; OTK4; PPIase; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPIase FKBP1B; immunophilin FKBP12.6; FK506-binding protein 1B; FK506-binding protein 12.6; 12.6 kDa FK506-binding protein; FKBP1L; PKBP1L;

Gene ID

2281

mRNA Refseq

NM_004116

Protein Refseq

NP_004107

MIM

600620

UniProt ID

P68106

Chromosome Location

2p23.3

Function

FK506 binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity; protein binding; receptor binding; contributes_to ryanodine-sensitive calcium-release channel

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activity;

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