

Recombinant Human FIS1 293 Cell Lysate

Cat. No. FIS1-6216HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) (FIS1), nuclear gene encoding mitochondrial protein 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

FIS1 fission 1 (mitochondrial outer membrane) homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

FIS1

Synonyms

FIS1; fission 1 (mitochondrial outer membrane) homolog (*S. cerevisiae*); fission 1 (mitochondrial outer membrane) homolog (yeast) , tetratricopeptide repeat domain 11 , TTC11; mitochondrial fission 1 protein; CGI 135; CGI 135 protein; Fis1; H_NH0132A01.6; hFis1; FIS1 homolog; TPR repeat protein 11; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11; TTC11; CGI-135;

Gene ID

51024

mRNA Refseq

NM_016068

Protein Refseq

NP_057152

MIM

609003

UniProt ID

Q9Y3D6

Chromosome Location

7q22.1

Function

protein binding;

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