

Recombinant Human FADD 293 Cell Lysate

Cat. No. FADD-6473HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Fas (TNFRSF6)-associated via death domain (FADD) 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

FADD Fas (TNFRSF6)-associated via death domain [Homo sapiens]

Official Symbol

FADD

Synonyms

FADD; Fas (TNFRSF6)-associated via death domain; protein FADD; Fas associating death domain containing protein; Fas associating protein with death domain; GIG3; growth inhibiting gene 3 protein; mediator of receptor induced toxicity; MORT1; growth-inhibiting gene 3 protein; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein; MGC8528;

Gene ID

8772

mRNA Refseq

NM_003824

Protein Refseq

NP_003815

MIM

602457

UniProt ID

Q13158

Chromosome Location

11q13.3

Pathway

Activation of Pro-Caspase 8, organism-specific biosystem; Alzheimers disease,

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organism-specific biosystem; Alzheimers disease, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem;

Function

death receptor binding; identical protein binding; protein binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;

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