

Recombinant Human MADD 293 Cell Lysate

Cat. No. MADD-4566HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for MAP-kinase activating death domain (MADD), transcript variant 1 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

MADD MAP-kinase activating death domain [Homo sapiens]

Official Symbol

MADD

Synonyms

MADD; MAP-kinase activating death domain; MAP kinase-activating death domain protein; DENN; KIAA0358; RAB3GEP; Rab3 GDP/GTP exchange factor; insulinoma glucagonoma clone 20; differentially expressed in normal and neoplastic cells; IG20; FLJ35600; FLJ36300;

Gene ID

8567

mRNA Refseq

NM_001135943

Protein Refseq

NP_001129415

MIM

603584

UniProt ID

Q8WVG6

Chromosome Location

11p11.2

Pathway

Caspase cascade in apoptosis, organism-specific biosystem; Ceramide signaling pathway, organism-specific biosystem; TNF receptor signaling pathway, organism-specific biosystem;

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Function

Rab guanyl-nucleotide exchange factor activity; death receptor binding; guanyl-nucleotide exchange factor activity; protein binding; protein kinase activator activity;

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