

Human MADD Knockdown Cell Lysate

Cat. No. MADD-367HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MADD Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	183 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg MADD KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	MADD MAP-kinase activating death domain [Homo sapiens (human)]
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	Q8WYG6

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