

Recombinant Human CRADD 293 Cell Lysate

Cat. No. CRADD-7294HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CASP2 and RIPK1 domain containing adaptor with death domain (CRADD) 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

CRADD CASP2 and RIPK1 domain containing adaptor with death domain [Homo sapiens]

Official Symbol

CRADD

Synonyms

CRADD; CASP2 and RIPK1 domain containing adaptor with death domain; death domain-containing protein CRADD; RAIDD; RIP associated ICH1/CED3 homologous protein with death domain; death adaptor molecule RAIDD; caspase and RIP adaptor with death domain; RIP-associated protein with a death domain; RIP-associated ICH1/CED3-homologous protein with death domain; MRT34; MGC9163;

Gene ID

8738

mRNA Refseq

NM_003805

Protein Refseq

NP_003796

MIM

603454

UniProt ID

P78560

Chromosome Location

12q21.33-q23.1

Pathway

Apoptosis, organism-specific biosystem; Caspase cascade in apoptosis, organism-

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specific biosystem; Ceramide signaling pathway, organism-specific biosystem; HIV-1 Nef: Negative effector of Fas and TNF-alpha, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

Function

death domain binding; protease binding; protein binding; protein binding, bridging;

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