

Recombinant Human CARD11 293 Cell Lysate

Cat. No. CARD11-7850HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for caspase recruitment domain family, member 11 (CARD11) 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

CARD11 caspase recruitment domain family, member 11 [Homo sapiens]

Official Symbol

CARD11

Synonyms

CARD11; caspase recruitment domain family, member 11; caspase recruitment domain-containing protein 11; bcl10 interacting maguk protein 3; BIMP3; card maguk protein 1; CARMA1; carma 1; card-maguk protein 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3; MGC133069;

Gene ID

84433

mRNA Refseq

NM_032415

Protein Refseq

NP_115791

MIM

607210

UniProt ID

Q9BXL7

Chromosome Location

7p22

Pathway

Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B

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cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;

Function

CARD domain binding; guanylate kinase activity; protein binding;

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