

Recombinant Human CARD10 293 Cell Lysate

Cat. No. CARD10-7851HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for caspase recruitment domain family, member 10 (CARD10) 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

CARD10 caspase recruitment domain family, member 10 [Homo sapiens]

Official Symbol

CARD10

Synonyms

CARD10; caspase recruitment domain family, member 10; caspase recruitment domain-containing protein 10; BIMP1; CARMA3; carma 3; CARD-containing MAGUK 3 protein; CARD-containing MAGUK protein 3; Bcl10 binding protein and activator of NFkB; MGC142219;

Gene ID

29775

mRNA Refseq

NM_014550

Protein Refseq

NP_055365

MIM

607209

UniProt ID

Q9BWT7

Chromosome Location

22q13.1

Function

protein binding; receptor signaling complex scaffold activity;

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