

Recombinant Human CARD9 cell lysate

Cat. No. CARD9-284HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CARD9 caspase recruitment domain family, member 9 [Homo sapiens]
Official Symbol	CARD9

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Synonyms	CARD9; caspase recruitment domain family, member 9; caspase recruitment domain-containing protein 9; CANDF2; hCARD9;
Gene ID	64170
mRNA Refseq	NM_052813
Protein Refseq	NP_434700
MIM	607212
UniProt ID	Q9H257
Chromosome Location	9q34
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; NOD1/2 Signaling Pathway, organism-specific biosystem; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways, organism-specific biosystem; Tuberculosis, organism-specific biosystem;
Function	CARD domain binding; protein homodimerization activity;

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