

Recombinant Full Length Human CARD9 Protein, GST-tagged

Cat. No. CARD9-2887HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CARD9 full-length ORF (AAH08877.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	492 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	83.1 kDa
AA Sequence	MSDYENDDECWSVLEGFRVTLTSVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIR KRKVGVLDDILQRTGHKGYVAFLESLELYYPQLYKKVTGKEPARVFSMIIDASGESGL TQLLMTEVMKLQKKVQDLTALLSSKDDFIKELRVKDSLLRKHQERVQRLKEECEAGS

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RELKRCKEENYDLAMRLAHQSEEKGAALMRNRDLQLEIDQLKHSLMKAEDDCKVER
KHTLKL RHAMEQRPSQELLWELQQEKALLQARVQELEASVQEGKLD RSPYIQVLE
EDWRQALRDHQEQANTIFSLRKDLRQGEARRLR CMEEKEMFELQCLALRKDSKMY
KDRIEAILLQMEEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQL
QVFQCEAQLLAVEGRLRRQQLETLVLSSDLEDGSPRRSQELSLPQDLED TQLSDKG
CLAGGGSPKQPF AALHQEQVLRNPHDAGPAGLP GIGAVC

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CARD9 caspase recruitment domain family, member 9 [Homo sapiens]

Official Symbol

CARD9

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

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MIM	607212
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UniProt ID	Q9H257
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