

Recombinant Human CARD9 Protein, GST-Tagged

Cat. No. CARD9-0399H **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	Wheat Germ
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 RELKRCKEENYDLAMRLAHQSEEKGAALMRNRDLQLEIDQLKHSLMKAEDDCKVER

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KHTLKL RHAMEQRPSQELLWELQQEKALLQARVQELEASVQEGKDRSSPYIQVLE
EDWRQALRDHQEQANTIFSLRKDLRQGEARRLRCEEMFELQCLALRKDSKMY
KDRIEAILLQMEEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQL
QVFQCEAQLLAVEGRLRRQQLETLVLSSDLEDGSPRRSQELSLPQDLEDTQLSDKG
CLAGGGSPKQPFAALHQEQVLRNPHDAGPAGLPGIGAVC

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

MIM 607212

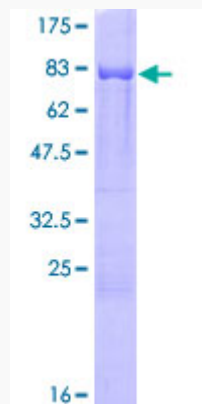
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9H257

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA