

Recombinant Human CARD11 Protein, GST-Tagged

Cat. No. CARD11-0391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CARD11 partial ORF (NP_115791, 481 a.a. - 580 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	KYFLPYHPPQRRMNLKGIQLQRAKSPISLKRTSDFQAKGHEEEGTDASPSSCGSLPI TNSFTKMQPPRSRSSIMSITAEPGNDIVRRYKEDAPHRSTV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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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 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

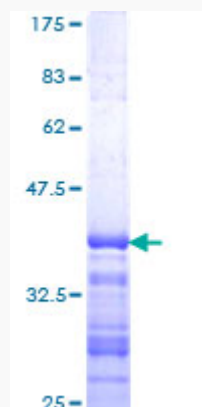
UniProt ID Q9BXL7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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