

Recombinant Human CARD14, T7-tagged

Cat. No. CARD14-3041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARD14 was produced in <i>E.coli</i> with a T7 tag at N-terminus. MW = 113300 Da (1-434 aa).
Species	Human
Source	E.coli
Protein Length	1-434 a.a.
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 shares a similar domain structure with CARD11 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-κB activation. When expressed in cells, this protein activated NF-κB and induced the phosphorylation of BCL10.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Purity	95%.
Applications	MS. SDS.

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GENE INFORMATION

Gene Name	CARD14 caspase recruitment domain family, member 14 [Homo sapiens]
Synonyms	CARD14; caspase recruitment domain family, member 14; BIMP2; CARMA2; caspase recruitment domain-containing protein 14; carma 2; card-maguk protein 2; CARD-containing MAGUK 2 protein; CARD-containing MAGUK protein 2; bcl10-interacting maguk protein 2; Carma 2
Gene ID	79092
mRNA Refseq	NM_024110
Protein Refseq	NP_077015
MIM	607211
UniProt ID	Q9BXL6
Chromosome Location	17q25
Function	CARD domain binding; protein binding

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