

Recombinant Human CARD14 cell lysate

Cat. No. CARD14-282HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Human

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-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. Two alternatively spliced variants of this gene encoding distinct isoforms have been reported.

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

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Gene Name	CARD14 caspase recruitment domain family, member 14 [Homo sapiens]
Official Symbol	CARD14
Synonyms	CARD14; caspase recruitment domain family, member 14; caspase recruitment domain-containing protein 14; BIMP2; CARMA2; carma 2; card-maguk protein 2; CARD-containing MAGUK protein 2; bcl10-interacting maguk protein 2; FLJ38097;
Gene ID	79092
mRNA Refseq	NM_001257970
Protein Refseq	NP_001244899
MIM	607211
UniProt ID	Q9BXL6
Chromosome Location	17q25
Function	CARD domain binding;