

Recombinant Full Length Human CARD14 Protein, C-Flag-tagged

Cat. No. CARD14-1004HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CARD14 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a caspase recruitment domain-containing protein that is a member of the membrane-associated guanylate kinase (MAGUK) family of proteins. Members of this protein family are scaffold proteins that are involved in a diverse array of cellular processes including cellular adhesion, signal transduction and cell polarity control. This protein has been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. Alternate splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	113.1 kDa
AA Sequence	MGELCRRDSALTALDEETLWEMMESHRHRIVRCICPSRLTPYLRQAKVLCQLDEEE VLHSPRLTNSAMRA GHLLDLLKTRGKNGAIAFLESCLKFHNPDVYTLVTGLQPDVDFS NFGSLMETSKLTECLAGAIGSLQEELN QKEGQKEVLLRRCQQLQEHLGLAETRAEG LHQLEADHSRMKREVS AHFHEVLR LKDEMLSLSLHYSNALQ EKELAASRCRSLQEE LYLLKQELQRANMVSSCELELQEQSLRTASDQESGDEELNRLKEENEKLRSLTFS L

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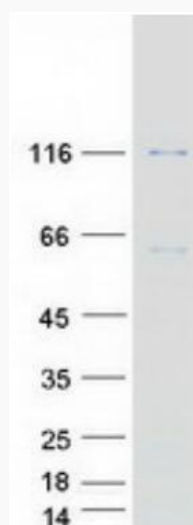
 45-1 Ramsey Road, Shirley, NY 11967, USA

AEKDILEQSLDEARGSRQELVERIHSLRERAVAAERQREQYWEEKEQTLLQFQKSK
 MACQLYREKVNAL QAQVCELQKERDQAYSARDSAQREISQSLVEKDSLRRQVFEL
 TDQVCELRTQLRQLQAEPPGVLKQEART REPCPREKQRLVRMHAICPRDDSDCSL
 VSSTESQLLSDLSATSSRELVDSFRSSSPAPPSQQSLYKRVAE DFGEEPWSFSSCL
 EIPEGDPGALPGAKAGDPHLDYELLDTADLPQLESSLQPVSPGRLDVSESGVLMRR
 R PARRILSQVTMLAFQGDALLEQISVIGGNLTGIFIHRVTPGSAADQMALRPGTQIVM
 VDYEASEPLFKAV LEDTTLEEAVGLLRVDGFCCLSVKVNTDGYKRLLQDLEAKVAT
 SGDSFYIRVNLAMEGRAKGELQVHCN EVLHVTDTMFQGCWCWHAHRVNSYTMKD
 TAAHGTIPNYSRAQQQLIALIQDMTQQCTVTRKPSSGGPQKL VRIVSMDKAKASPLR
 LSFDRGQLDPSRMEGSSTCFWAESCLTLVPYTLVWPHRPARPRPVLLVPRAVGKI L
 SEKLCLLQGFKKCLAEYLSQEEYEAWSQRGDIIQEGEVSGGRCWVTRHAVESLMEK
 NTHALLDVQLDSV CTLHRMDIFPIVHVSVNEKMAKKLKKGLQRLGTSEEQLLEAAR
 QEEGDLDRAPCLYSSLAPDGWSDLDG
 LLSCVRQAIADQKKVWTEQSPRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	CARD14 caspase recruitment domain family member 14 [Homo sapiens (human)]
Official Symbol	CARD14
Synonyms	PRP; PSS1; BIMP2; CARMA2; PSORS2
Gene ID	79092
mRNA Refseq	NM_024110.4
Protein Refseq	NP_077015.2
MIM	607211
UniProt ID	Q9BXL6



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Coomassie blue staining of purified CARD14 protein.

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