

Product datasheet for **SC332551**

CARD14 (NM_001257970) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CARD14 (NM_001257970) Human Untagged Clone
Tag:	Tag Free
Symbol:	CARD14
Synonyms:	BIMP2; CARMA2; PRP; PSORS2; PSS1
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332551 representing NM_001257970.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGAACTGTGCCGAGGGACTCCGCACTCACGGCACTGGACGAGGAGACTGTGGGAGATGATG
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AACTACTCCAGGTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001257970

Insert Size: 2223 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001257970.1](#)

RefSeq Size: 2612 bp

RefSeq ORF: 2223 bp

Locus ID: 79092

UniProt ID: [Q9BXL6](#)

Cytogenetics: 17q25.3

Protein Families: Druggable Genome

MW: 83.7 kDa

Gene Summary: 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. [provided by RefSeq, Apr 2012]

Transcript Variant: This variant (3) lacks several exons and its transcription extends past a splice site that is used in variant 1. The encoded isoform 3 has a shorter C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.