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Product datasheet for RC222740L1V

CARD11 (NM_032415) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CARD11 (NM_032415) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CARD11
Synonyms:	BENTA; BIMP3; CARMA1; IMD11; IMD11A; PPBL
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032415
ORF Size:	3462 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222740).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_032415.3
RefSeq Size:	4372 bp
RefSeq ORF:	3465 bp
Locus ID:	84433
UniProt ID:	Q9BXL7
Cytogenetics:	7p22.2
Protein Families:	Druggable Genome
Protein Pathways:	B cell receptor signaling pathway, T cell receptor signaling pathway

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MW: 133.3 kDa

Gene Summary: 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]