

Product datasheet for **MR211416L3V**

Card14 (NM_130886) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Card14 (NM_130886) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Card14
Synonyms:	Bimp2; CARMA2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_130886
ORF Size:	2997 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211416).
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_130886.3
RefSeq Size:	3958 bp
RefSeq ORF:	3000 bp
Locus ID:	170720
UniProt ID:	Q99KF0
Cytogenetics:	11 E2



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Gene Summary:

Acts as a scaffolding protein that can activate the inflammatory transcription factor NF-kappa-B and p38/JNK MAP kinase signaling pathways. Forms a signaling complex with BCL10 and MALT1, and activates MALT1 proteolytic activity and inflammatory gene expression. MALT1 is indispensable for CARD14-induced activation of NF-kappa-B and p38/JNK MAP kinases. May play a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis.[UniProtKB/Swiss-Prot Function]