

Product datasheet for **MR211717L4V**

Card11 (NM_175362) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Card11 (NM_175362) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Card11
Synonyms:	0610008L17Rik; 2410011D02Rik; BIMP3; CARMA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175362
ORF Size:	3462 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211717).
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_175362.2 , NP_780571.2
RefSeq Size:	4112 bp
RefSeq ORF:	3465 bp
Locus ID:	108723
UniProt ID:	Q8CIS0
Cytogenetics:	5 G2



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Gene Summary:

Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation (PubMed:12356734, PubMed:16356855). Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10. Also activates the TORC1 signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]