

Product datasheet for **RC219060L2V**

MADCAM1 (NM_130760) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MADCAM1 (NM_130760) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MADCAM1
Synonyms:	MACAM1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_130760
ORF Size:	1146 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219060).
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_130760.2
RefSeq Size:	1546 bp
RefSeq ORF:	1149 bp
Locus ID:	8174
UniProt ID:	Q13477
Cytogenetics:	19p13.3
Protein Pathways:	Cell adhesion molecules (CAMs)
MW:	38.3 kDa



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Gene Summary:

The protein encoded by this gene is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1 (alpha4beta7), L-selectin, and VLA-4 (alpha4beta1) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin family and is similar to ICAM1 and VCAM1. At least seven alternatively spliced transcripts encoding different protein isoforms have been found for this gene, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]