

Product datasheet for **MR203412L4V**

Madcam1 (BC024372) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Madcam1 (BC024372) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Madcam1
Synonyms:	MGC35998
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC024372
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203412).
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:	BC024372 , AAH24372
RefSeq Size:	1004 bp
RefSeq ORF:	785 bp
Locus ID:	17123
Cytogenetics:	10 39.72 cM



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Gene Summary:

Cell adhesion leukocyte receptor expressed by mucosal venules, helps to direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria. It can bind both the integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes. Both isoform 1 and isoform 2 can adhere to integrin alpha-4/beta-7. Isoform 2, lacking the mucin-like domain, may be specialized in supporting integrin alpha-4/beta-7-dependent adhesion strengthening, independent of L-selectin binding.
[UniProtKB/Swiss-Prot Function]