

## Product datasheet for RN212227

### Madcam1 (NM\_019317) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Madcam1 (NM_019317) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Madcam1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212227 representing NM_019317 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCCATCCTGGCCCTCTGCTGGCCCTGGGACCCCTCCAGCTCAGCAGAGGCCAGTCCTCCAGG  
TGAATCCTCCTGAGCCTGAGGTAGCTGTAGCCATGGGCACATCCCTCCAGATCAACTGCAGCATGTCCTG  
TGACAAGGATATAGCCCGGGTGCCTGGCATGGCCTGGACCAACCTGGGCAATGTGCAGACCCCTCCCA  
GGCAGCAGGGTCTCTCCGTACGAGGCATGCTGTCAGACACGGGCACTCGTGTATGCGTGGGTTCCTGTG  
GGAGTCGAAGCTTTCAGCACTCTGTGAAGCTTGTGTATGCCCTTCCAGACCAGCTGGAGGTAACCC  
GGAGTTCTTGTACCTGGACGGGACCAGGTAGTGTCTGCACAGCCACAACATCTGGCCTGCAGGCCCCG  
GACAGTCTTTCCTTTCCTTGCCTTGTCCGAGGAGAGCAGAGCCTGGAGGGTGTCTAGGCCCTGGAAACAGAGC  
AAGAGGAGGAGATGCAAGAGACTGAGGGCACTCCACTCTTCCAAGTGACACAACGCTGGTTGCTGCCCTC  
CCTGGGGACCCCGCCCTTCCCGCCCTTATTGCCAGGTACCATGCAGCTGCCAAACTGGTGCTGACA  
CATAGAAGGAAGATTCAGTCTACAGAGCCAGACCTCACCAGAGCCCCCAGCACCACCTCTGCTAAGC  
CATACATCTGACCTCATCATACTACTAAGGCAGTCTCCACTGGGCTCAGCAGTGTAGCCCTGCCTTC  
TACGCTCTGAGCTCCGAGGGGCCCTGCTACCCCGAAATCCACCAGAACCAGAGGCAGACTGGAACTT  
CTCTGCGAAGCCTCCTGTGGGTCTGGAGTGACGGTGCATTGGACCCTGGCTCCTGGTGACCTGGCAGCCT  
ACCACAAGAGAGAAGCTGGGGCCAGGCATGGCTAAGCGTGTGCCCTGGGCCCATTCCTGAGGGCTG  
GTTCCAGTGTGCGATGGACCCTGGCGGGCAGGTGACCAGTCTGTATGTTACTGGCCAGGTGATCCCAAAC  
CCCTCCTCCATGGTGCCTGTGGATTGGCAGCTTGGTGTGGGGCTGCTTGCACTCGCCTTCTTGGCT  
ACTGCCTGTGAAACGCTACCGGCCGGTCTCTCCAGACTCCAGCTCGTGTACGCTCCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1414\\_e08.zip](https://cdn.origene.com/chromatograms/ja1414_e08.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_019317
<b>Insert Size:</b>	1185 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_019317.1</a> , <a href="#">NP_062190.1</a>
<b>RefSeq Size:</b>	1279 bp
<b>RefSeq ORF:</b>	1185 bp
<b>Locus ID:</b>	54266
<b>UniProt ID:</b>	<a href="#">O70540</a>
<b>Cytogenetics:</b>	7q11
<b>Gene Summary:</b>	mediates the rolling and sticking of lymphocytes to the high endothelial venule (HEV) of the Peyer's patch [RGD, Feb 2006]