

## Product datasheet for **MC221229**

### Vcam1 (NM\_011693) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vcam1 (NM_011693) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vcam1
Synonyms:	CD106; Vcam-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221229 representing NM\_011693  
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTGTGAAGATGGTCGCGGTCTTGGGAGCCTCAACGGTACTTTGGATCTGTTGCAGTCTCTCAAG  
 CTTTTAAATCGAGATCTCCCTGAATACAAAACGATCGCTCAAATCGGTGACTCCATGGCCCTCACTTG  
 CAGCACTACGGGCTGCGAGTACCATTGTTCTCATGGAGAACCAGATAGACAGCCCACTAAACGCGAAG  
 GTGAGGACGGAGGGTCCAAGTCCGTTCTGACCATGGAGCCTGTCAGTTTTGAGAATGAACACTCTTACC  
 TGTGCACAGCAACATGTGGCTCTGGGAAGCTGGAACGAAGTATCCACGTGGACATCTACTCTTCCCAA  
 GGATCCAGAGATTCAATTCAGTGGCCCCCTGGAGGTTGGGAAGCCGGTACAGTCAAGTGTGGCTCCA  
 GACATTTACCCAGTTTACAGGCTGGAGATTGATCTGTTCAAGGGTACCAGCTCATGAACAGACAGGAGT  
 TTTCTTCAGAAGAGATGACAAAGTCTCTAGAAACCAAGAGTTGGAAGTAACTTTACTCCCGTCATTGA  
 GGATATTGAAAAGCTCTTGTGGCCGAGCTAAATTACACATTGACCAAATGATTCTACACTCAAAGAA  
 AGGGAGACTGTCAAAGAACTACAAGTCTACATCTCTCCAGGAATACAACGATCTCTGTACATCCCTCCA  
 CAAGGCTTCAAGAGGGTGGTGTGTGACAAATGACCTGTTCCAGCGAGGGTCTACCAGCTCCTGAGATTTT  
 CTGGGGCAGGAAGTTAGATAATGAAGTTCTCCAGCTTCTCTCAGGAAATGCCATCCTCACCTTAATTGCT  
 ATGAGGATGGAAGACTCTGGAGTCTATGTGTGTAAGGAGTTAATCTGATTGGGAGAGACAAAGCAGAAG  
 TGGAAATAGTTGTTCAAGAGAAACCAATTATTGTTGACATCTCCCCGGATCTCAGGTGGCTGCACAAGT  
 TGGGGATTCGGTGTCTGACGTGTGCTGCTATTGGCTGTGACTCCCCTCTTTTTCTTGGAGAACCAG  
 ACAGACGTCCCCTCAATGGGGTGGTAAGGAATGAGGGGGCCAAATCCACGCTTGTGTTGAGCTCTGTGG  
 GTTTTGAAGGATGAACACTCTTACCTGTGCGCTGTGACCTGTCTGCAAAGGACACTGGAAAAGAGAACCCA  
 GGTGGAGGTCTACTCATTCCCTGAAGATCCAGTAATTAATAATGAGTGGCCACTTGTGCATGGGAGACCT  
 GTCAGTGTCAACTGCACAGTCCCTAATGTGTATCCCTTTGACCATCTGGAGATTGAATTACTGAAGGGG  
 AGACTACACTGATGAAGAAATATTTTTGGAGGAAATGGGCATAAAGTCCCTAGAGACAAAATTTTGGAA  
 AACGACCTTATCCCCACCATTGAAGATACCGGGAAATCTCTGTTTGCCTCGTAGGTTACACAGTGGT  
 GAAATGGAATCTGAACCCAAACAGAGGCAGAGTGTACAGCCTTTTATGTCAACGTTGCCCCAAAGGAAA  
 CCACCATCTGGGTCAGCCCCTCTCTATACTAGAGGAGGGCAGTCTGTGAACCTGACCTGCTCAAGTGA  
 TGGGATACCAGTCCCAAAATCCTGTGGAGCAGACAGCTAAATAATGGGAACTGCAGCCTCTTTCTGAA  
 AATACTACACTCACCTTCTATGTCTACAAAAGGGACGATTCGGCATTATGTGTGTGAAGGGATTAACG  
 AGGCTGGAATTAGCAGAAAATCAGTTGAACTGATTATCCAAGTCTCTCCAAAAGATATACAGCTTACAGT  
 CTTTCCATCTAAGAGTGTCAAAGAGGGAGACACCGTCATTATCTCTGCACTTGTGGAAATGTGCCCGAA  
 ACATGGATAATCCTGAAGAAGAAAGCAAAGACAGGAGACATGGTATTAAGTCTGTGGATGGCTCGTACA  
 CCATCCGCCAGGCACAGCTGCAGGATGCCGGCATATACGAGTGTGAATCTAAGACTGAAGTTGGCTCACA  
 ATTAAGAAGTTTAACTTGTGTAAGGAAAAGAACATAACAAGGACTATTTTTGCCCGAACTCCTT  
 GCACTCTACTGCGCATCTTCTTGGTAATACCTGCCATCGGGATGATCGTTTATTTTGAAGAAAAGCTA  
 ACATGAAAGGATCGTACAGTCTGGTGGAGGCACAGAAATCCAAAGTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_011693

**Insert Size:** 2220 bp

**OTI Disclaimer:** 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>	<u><a href="#">BC029823</a></u> , <u><a href="#">AAH29823</a></u>
<b>RefSeq Size:</b>	3418 bp
<b>RefSeq ORF:</b>	2220 bp
<b>Locus ID:</b>	22329
<b>Cytogenetics:</b>	3 50.17 cM