

Product datasheet for **RN207807**

Vcam1 (NM_012889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vcam1 (NM_012889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vcam1
Synonyms:	VCAM1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207807 representing NM_012889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTGTGAAGATGGTCGCGATCTTCGGAGCCTCAACGGTACTTTGGATACTGTTTGCAGTCTCTCAAG
 CTTTTAAATCGAGATCTCCCTGAATACAAAACGCTCGCTCAGATTGGAGACTCCATGCTCCTGACTTG
 CAGCACACAGGCTGTGAGTCGCCATCATTCTCTTGGAGAACCAGATAGACAGTCCACTAAATGGGAAG
 GTGAAGACAGAGGGGCCAAGTCCGTTCTGACCATGGACCCTGTGAGCTTTGAGAATGAACACTCTTACC
 TGTGCACAGCAACATGTAACCTGGGAACTGGAAAGAGGAATCCAAGTGGACATCTACTCATTCCCTAA
 GGATCCAGAGATTCAATTCAGTGGCCCCCTGGAGGTTGGGAAGCCGGTCAATGGTCAAGTGTGGCTCCT
 GATGTTTACCAATTGACAGACTGGAGATAGAAGTGTCAAGGGTACCGTCTCATGAAGAAACAGGATT
 TTGTAGATGAGATGGCAAAGAAGTCTCTGGAAACCAAGAGTTTGGAAAGTCACTTTACTCCTGTCATTGA
 GGATATTGAAAAGGCTCTTGTTTCCGAGCTAAATTATACATTGACCAAACCTGATTCTATCCCAAAGAA
 AGGGAGACTGTCAGAGAACTACAAGTCTACACCTCCCAAGAAATACAGAGATCTCTGTACATCCCTCCA
 CAAGGCTACATGAGGGTCTGCTGTGACGATGACATGTGCCAGCGAGGGTCTACCAGCTCCTGAGATTTT
 CTGGAGCAAGAAATTAGATAATGGAGTTCTACAGCTCCTCTCGGGAAATGCCACCCTCACCTTAATTGCT
 ATGAGGATGGAAGATTCTGGAATCTATGTGTGTAAGGAGTGAATCTGGTTGGGAGAGACAAAACAGAAG
 TGGAAATTAATTGTTCAAGAGAAACCATTACTGTTGACATCTCCCTGGATCTCAGGTGGCTGCACAGGT
 TGGGGATTCCGTTGTTCTGACATGTGCTGCTGTTGGCTGTGACTCTCCCTCCTTTCTTGGAGAACCAG
 ACAGACAGTCCCTCAATGGGGAGGTGAGGGATGAAGGGGCTACATCCACTGACGCTGAGCCCTGTGG
 GTGTTGAGGATGAGCACTTTACTCTGTGACTGTGACTGTGAGCTGTGAGGAAAGAACTGGAGAAGCAATCCA
 AGTGGAGGTCTACTCATTCCCTGAAGACCAGAAATTGAAATAAGTGGACCACTGTACACGGGAGACCT
 GTCACTGTCAACTGCACGGTCCCTAATGTGTACCCCTTTGACCATCTGGAGATTGAACTACTGAAGGGGG
 AGACAACACTGTTGAATAAATTTTAAAGGGAGGAAATGGCACAAAGTCTCTAGAGACAAAAGTTTGGAA
 AATGACCTTCATCCCACCGCTGAAGACACCGGAAAGCTCTTGTGTTGCCTCGTAAGTTACACAGCAGT
 CAAATGGAGTCTGAACCCAAACAAGGCAGAGTACACAGACTCTTATGTCAACGTTGCTCCGAAAGAAC
 CCACCATCTGGGTTAGCCCTCTCCTGTCCAGAGGAGGGCAGTCTGTGAACCTGACCTGCTCAAGTGA
 TGGTTTTCCAACCCCAAATCCTGTGGAGCAGACAGCTAAAGAACGGGAACTGCAGCCTCTTTCTCAA
 AATACAACACTCTCCTTCATGGCTACAAAATGGAAGATTCCGGCATTATGTATGTGAAGGGATTAATG
 AGGCTGGAATTAGCAAAAATCAGTTGAACTGATTATCCAAGGCTCTCGAAGGACATACAGCTTACAGT
 CTTCCCATCTAAGAGCGTCAAAGAGGGAGACACTGTCATTATCTCCTGTACTTGTGGAAGTGTGCCCGAA
 ATATGGATAATTCTGAAAAAGAAAGCAAGACAGGAGACATGGTCTAAAGTCTGTTAATGGCTCGTACA
 CCATCCGCAAGGCACAGCTGCAGGATGCCGGAGTATACGAGTGTGAATCGAAAACCGAAGTCGGCTCGCA
 GTTGCGAAGTTTAACTTGTGTAAGGAAAAGAAAATAACAAGGACTATTTTCCCTGAACTCCTT
 GCACTCTACTTTGCATCCTCCTTGGTAATACCCGCCATTGGGATGATCATTTACTTTGCAAGAAAAGCCA
 ACATGAAAGGATCGTACAGTCTGGTGGAGGCACAGAAGTCAAAGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1830_h06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012889

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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_012889.1 , NP_037021.1
RefSeq Size:	3007 bp
RefSeq ORF:	2220 bp
Locus ID:	25361
UniProt ID:	P29534
Cytogenetics:	2q41
Gene Summary:	binds integrin very late antigen (VLA4); plays a role in cell adhesion [RGD, Feb 2006]