

Product datasheet for **MR227630A1V**

Mouse Vcam1 (NM_011693) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Vcam1 (NM_011693) AAV Particle
Tag:	Myc-DDK
Symbol:	Vcam1
Synonyms:	CD106; Vcam-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227630 representing NM_011693
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTGAAGATGGTCGCGGTCTTGGGAGCCTCAACGGTACTTTGGATACTGTTGCAGTCTCTCAAG
 CTTTTAAATCGAGATCTCCCTGAATACAAAACGATCGCTCAAATCGGTGACTCCATGGCCCTCACTTG
 CAGCACTACGGGCTGCGAGTCACCATTTGTTCTCATGGAGAACCAGATAGACAGCCCACTAAACGCGAAG
 GTGAGGACGGAGGGTCCAAGTCCGTTCTGACCATGGAGCCTGTCAAGTTTGAAGTGAACACTCTTACC
 TGTGCACAGCAACATGTGGCTCTGGGAAGCTGGAACGAAGTATCCACGTGGACATCTACTCTTCCCAA
 GGATCCAGAGATTCAATTCAGTGGCCCCCTGGAGTTGGGAAGCCGGTCACAGTCAAGTGTGGCTCCA
 GACATTTACCCAGTTTACAGGCTGGAGATTGATCTGTTCAAGGGTGACCAGCTCATGAACAGACAGGAGT
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 CAAGGCTTCAAGAGGGTGGTGTGTGACAATGACCTGTTCCAGCGAGGGTCTACCAGCTCCTGAGATTTT
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 AGACTACACTGATGAAGAAATATTTTTGGAGGAAATGGGCATAAAGTCCCTAGAGACCAAAATTTTGA
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 TGGGATACCAGTCCCAAAATCCTGTGGAGCAGACAGCTAAATAATGGGGAAGTGCAGCCTCTTTCTGAA
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 AGGCTGGAATTAGCAGAAAAATCAGTTGAACTGATTATCCAAGTCTCTCCAAAAGATATACAGCTTACAGT
 CTTTCCATCTAAGAGTGTCAAAGAGGGAGACACCGTCATTATCTCCTGCACTTGTGGAATGTGCCCGAA
 ACATGGATAATCCTGAAGAAGAAAGCAAAGACAGGAGACATGGTATTAAGTCTGTGGATGGCTCGTACA
 CCATCCGCCAGGCACAGCTGCAGGATGCCGGCATATACGAGTGTGAATCTAAGACTGAAGTTGGCTCACA
 ATTAAGAAGTTTAACACTTGATGTAAAAGGAAAAGAACATAACAAGGACTATTTTTCGCCCGAAGTCTT
 GCACTCTACTGCGCATCTTCTTGGTAATACCTGCCATCGGGATGATCGTTTATTTTGAAGAAAAGCTA
 ACATGAAAGGATCGTACAGTCTGGTGGAGGCACAGAAATCCAAAGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227630 representing NM_011693 Red=Cloning site Green=Tags(s) MPVKMVAVLGASTVLWILFAVSQAFKIEISPEYKTIAQIGDSMALTCSTTGCESPLFSWRTQIDSPLNAK VRTEGSKSVLTMEPVSFENEHSYLCTATCGSGKLESIHVDIYSFPKDPEIQFSGPLEVGKPVTVKCLAP DIYPVYRLEIDLFGDQLMNRQEFSSSEMTKSLETKSLEVTFTPVIEDIGKALVCRAKLHIDQIDSTLKE RETVKELQVYISPRNTTISVHPSTRLQEGGAVTMTCSSEGLPAPEIFWGRKLDNEVLQLLSGNAILTLIA MRMEDSGVYVCEGVNLIGRDKAEVELVYQEKPFIVDISPGSQVAAQVGDSVVLTCAAIGCDSPFSWRTQ TDSPLNGVVRNEGAKSTLVLSVGFEDEHSYLCAVTCLQRTLEKRTQVEVYSFPEDPVIKMSGPLVHGRP VTVNCTVPNVYPFDHLEIELLKGETTLMKKYFLEEMGIKSLETKILETTFIPTIEDTGKSLVCLARLHSG EMESEPKQRQSVQPLYVNVAPKETTIWVSPSPILEEGSPVNLTCSSDGIPAPKILWSRQLNNGELQPLSE NTTLTFMSTKRDDSGIYVCEGINEAGISRKSVELIIQVSPKDIQLTVFPSKSVKEGDTVIIISCTCGNVPE TWIILKKKAKTGDMVLKSVDGSYTIRQAQLQDAGIYECESKTEVGSQRLSLTLDVKGKEHNKDYFSPPELL ALYCASSLVIPAIGMIVYFARKANMKGYSYSLVEAQKSKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011693
ORF Size:	2217 bp
Buffer:	PBS with 0.001% Pluronic F4309
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_011693.3</u>
RefSeq Size:	3398 bp
RefSeq ORF:	2220 bp
Locus ID:	22329
Cytogenetics:	3 50.17 cM
MW:	81.8 kDa