

Product datasheet for **RC213353A1V**

Human VCAM1 (NM_080682) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VCAM1 (NM_080682) AAV Particle
Tag:	Myc-DDK
Symbol:	VCAM1
Synonyms:	CD106; INCAM-100
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213353 representing NM_080682
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGGGAAGATGGTCGTGATCCTTGGAGCCTCAAATATACTTTGGATAATGTTTGCAGCTTCTCAAG
 CTTTTAAATCGAGACCACCCAGAATCTAGATATCTTGCTCAGATTGGTGACTCCGTCTCATTGACTTG
 CAGCACCAAGGCTGTGAGTCCCCATTTTCTCTTGGAGAACCAGATAGATAGTCCACTGAATGGGAAG
 GTGACGAATGAGGGGACCACATCTACGCTGACAATGAATCCTGTTAGTTTTGGGAACGAACACTCTTACC
 TGTGCACAGCAACTTGTGAATCTAGGAAATGGAAAAAGGAATCCAGGTGGAGATCTACTCTTTCTCTAA
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 GATACAACCGTCTTGGTCAGCCCTTCTCCATCTGGAGGAAGGCAGTTCTGTGAATATGACATGCTTGA
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 AACCAGGCTGGAAGAAGCAGAAAGGAAGTGAATTAATTATCCAAGTTACTCCAAAAGACATAAACTTA
 CAGCTTTTCTTCTGAGAGTGTCAAAGAAGGAGACACTGTCATCATCTTGTACATGTGGAATGTTCC
 AGAAACATGGATAATCCTGAAGAAAAAGCGGAGACAGGAGACACAGTACTAAAATCTATAGATGGCGCC
 TATACCATCCGAAAGGCCAGTTGAAGGATGCGGGAGTATATGAATGTGAATCTAAAAACAAAGTTGGCT
 CACAATTAAGAAGTTTAACACTTGATGTTCAAGGAAGAGAAAACAACAAAGACTATTTTCTCTGAGCT
 TCTCGTCTCTATTTGTCATCCTCCTTAATAATACCTGCCATTGGAATGATAATTTACTTTGCAAGAAAA
 GCCAACATGAAGGGTCAATATAGTCTTGTAGAAGCACAGAAGTCAAAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213353 representing NM_080682 Red=Cloning site Green=Tags(s) MPGKMMVILGASNILWIMFAASQAFKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPLNGK VTNEGTTSTLTMPVSVFGNEHSYLCATCESRKLEKGIQVEIYSFPKDPEIHLSGPLEAGKPITVKCSVA DYVPFDRLEIDLLKGDHLMKSQEFLEADRKSLETKSLEVTFTPVIEDIGKVLVCRAKLHIDEMDSVPTV RQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSSEGLPAPEIFWSKKLDNGNLQHLSGNATLTIA MRMEDSGIYVCEGVNLI GKNRKEVELIQAFPRDPEIEMSGGLVNGSSVTVSCKVPSVYPLDRLEIELLK GETILENIEFLEDMDKSLNKSLEMTFIPTIEDTGKALVCQAKLHIDMEFEPKQRQSTQTLTYNVVAPR DTTVLVSPSSILEEGSSVNMTCLSQGFAPKILWSRQLPNGELQPLSENATLTLISTKMEDSGVYLCEGI NQAGRSRKEVELIIQVTPKDIKLTAFPSSESVKEGDTVIIISCTCGNVPETWILKKKAETGDTVLSIDGA YTIRKAQLKDAGVYECESKNKVGSQLRSLTLDVQGRENNKDYFSPPELLVLYFASSLIIPAIGMIIYFARK ANMKGSYSLVEAQKSKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_080682
ORF Size:	1941 bp
Buffer:	PBS with 0.001% Pluronic F7034
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:	NM_080682.2 , NP_542413.1
RefSeq Size:	2944 bp
RefSeq ORF:	1944 bp
Locus ID:	7412
UniProt ID:	P19320
Cytogenetics:	1p21.2
MW:	71.3 kDa