

Product datasheet for **RC219251A1V**

Human CD166 (ALCAM) (NM_001627) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD166 (ALCAM) (NM_001627) AAV Particle
Tag:	Myc-DDK
Symbol:	ALCAM
Synonyms:	CD166; MEMD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219251 representing NM_001627
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAATCCAAGGGGGCCAGTTCCTGCCGTCTGCTCTTCTGCCTCTTGATCTCCGCCACCGTCTTCAGGC
 CAGGCCTTGGATGGTATACTGTAAATTCAGCATATGGAGATACCATATCATACCTTGCCGACTTGACGT
 ACCTCAGAATCTCATGTTTGGCAAATGAAATATGAAAAGCCCGATGGCTCCCCAGTATTATTGCCTTC
 AGATCCTCTACAAAGAAAAGTGTGACGTACGACGATGTACCAGAATACAAAGACAGATTGAACCTCTCAG
 AAAACTACACTTTGTCTATCAGTAATGCAAGGATCAGTGATGAAAAGAGATTTGTGTGCATGCTAGTAAC
 TGAGGACAACGTGTTTGGGACCTACAATAGTCAAGGTGTTCAAGCAACCATCTAAACCTGAAATTGTA
 AGCAAAGCACTGTTTCTGAAACAGAGCAGCTAAAAAGTTGGGTGACTGCATTTCAGAAGACAGTTATC
 CAGATGGCAATATCACATGGTACAGGAATGAAAAGTGTACATCCCCTTGAAGGAGCGGTGGTCATAAT
 TTTTAAAAAGGAAATGGACCCAGTGACTCAGCTCTATACCATGACTTCCACCCTGGAGTACAAGACAACC
 AAGGCTGACATACAAATGCCATTACCTGCTCGGTGACATATTATGGACCATCTGGCCAGAAAACAATTC
 ATTCTGAACAGGCAGTATTTGATATTTACTATCTACAGAGCAGGTGACAATACAAGTGCTGCCACCAAA
 AAATGCCATCAAGAAGGGGATAACATCACTCTTAAATGCTTAGGGAATGGCAACCTCCCCAGAGGAA
 TTTTGTGTTTACTTACCAGGACAGCCCGAAGGAATAAGAAGCTCAAATACTTACACACTGACGGATGTGA
 GGCGCAATGCAACAGGAGACTACAAGTGTCCCTGATAGACAAAAAAGCATGATTGCTTCAACAGCCAT
 CACAGTTCATATTTGGATTTGCTCTTAAACCAAGTGGAGAAGTGACTAGACAGATTGGTGATGCCCTA
 CCCGTGTCATGCAACAATATCTGCTAGCAGGAATGCAACTGTGGTATGGATGAAAGATAACATCAGGCTTC
 GATCTAGCCCGTCATTTTCTAGTCTTTCATTATCAGGATGCTGGAACTATGTCTGCGAACTGCTCTGCA
 GGAGGTTGAAGGACTAAAGAAAAGAGAGTCACTGACTCTCATTGTAGAAGGCAAACTCAAATAAAAAATG
 ACAAAGAAAAGTATCCAGTGGACTATCTAAACAATAATCTGCCATGTGGAAGGTTTTCCAAAGCCAG
 CCATTCAATGGACAATTACTGGCAGTGGGAAGCGTCATAAACCAACAGAGGAATCTCCTTATATTAATGG
 CAGGTATTATAGTAAATATCATTTCCCTGAAGAGAATGTTACATTAAGTGCACAGCAGAAAAACCA
 CTGGAGAGAACAGTAACTCCTTGAATGCTCTGCTATAAGTATTCCAGAACACGATGAGGCAGACGAGA
 TAAGTGATGAAAACAGAGAAAAGGTGAATGACCAGGCAAACTAATTGTGGGAATCGTTGTTGGTCTCCT
 CCTTGCTGCCCTTGTGCTGGTGTCTGCTACTGGCTGTACATGAAGAAGTCAAAGACTGCATCAAAACAT
 GTAACAAGGACCTCGGTAATATGGAAGAAAACAAAAGTTAGAAGAAAACAATCAGAAAAGTGAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MESKGASSCRLLFCLLISATVFRPGLGWYTVNSAYGDTIIIPCRLDVPQNL MFGWKWYKPKDGSPVFIAF
 RSSTKKSQYDDVPEYKDRLNLSINYTLSSISNARISDEKRFVCMVLTEDNVFEAPTIVKVFQPSKPEIV
 SKALFLETEQLKKLGDICSEDSYPDGNITWYRNGKVLHPLEGAVVIFKKEMDPVTQLYTMTSTLEYKTT
 KADIQMPFTCSVTYYGPSGQKTIHSEQAVFDIYYPTQVTIQVLPPKNAIKEGDNITLKLGNPNPPPEE
 FLFYLPQGPPEGIRSSNTYTLTDVRRNATGDYKCSLIDKKSMIASTAITVHYLDLSLNPSGEVTRQIGDAL
 PVSCTISASRNATVVMKDNIRLSSPSFSSLYHQDAGNYVCETALQEVEGLKKRESLT LIVEGKPQIKM
 TKKTDPSGLSKTIICHVEGFPAIQWITGSGSVINQTEESPYINGRYYSKIIISPEENVTLTCTAENQ
 LERTVNSLNVSAISIPHEDEADEISDENREKVNDQAKLIVGIVVGLLLAALVAGVVYWL YMKKSKTASKH
 VNKDLGNMEENKLEENNHKTEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001627
ORF Size:	1749 bp
Buffer:	PBS with 0.001% Pluronic F7965
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_001627.2</u>
RefSeq Size:	4923 bp
RefSeq ORF:	1752 bp
Locus ID:	214
UniProt ID:	<u>Q13740</u>
Cytogenetics:	3q13.11
MW:	65.6 kDa