

Product datasheet for **RC222453A1V**

Human ADAM9 (NM_003816) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADAM9 (NM_003816) AAV Particle
Tag:	Myc-DDK
Symbol:	ADAM9
Synonyms:	CORD9; MCMP; MDC9; Mltng
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222453 representing NM_003816
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGTCTGGCGCGCGCTTTCCCTCGGGGACCCTTCGTGTCCGGTGGTTGCTGTGCTTGGCCTGGTGG
 GCCCAGTCCTCGGTGCGGCGCGGCCAGGCTTTCAACAGACCTCACATCTTTCTTCTTATGAAATTATAAC
 TCCTTGAGAGTAACTAGAGAAAAGAAGAGAAGCCCTAGGCCCTATTCAAACAAGTATCTTATGTTATT
 CAGGCTGAAGGAAAAGAGCATATTATCACTTGGAAGGAACAAAGACCTTTGCCTGAAGATTTTGTGG
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 CATTTAGAGAATGCGAGTTATGGGATTGAACCCCTGCAGAACAGCTCTCATTTTGAGCACATCATTTATC
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 AAAGGATGAAGAGGAAGAGCCTCCAGCATGACTCAGTACTTCAAGAAGAAGAGCTGTCTTGCCACAG
 ACCCGGTATGTGGAGCTGTTTATTGTCGTAGACAAGGAAAGGTATGACATGATGGGAAGAAATCAGACTG
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 CAGGAGCATCGGTTCCAGAACTTTAGCAGTTGCAGTGCAGAGGACTTTGAGAAGTTAACTTTAAATAA
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 AGATTGTTTCATTGAAGTGAATTCTAAAGGTGACAGATTGGCAATTGTGGTTTCTCTGGCAATGAATAC
 AAGAAGTGTGCCACTGGGAATGCTTTGTGTGAAAGCTTCAGTGTGAGAATGTACAAGAGATACCTGTAT
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 GGGTATGTAATAGCAATAAGAATTGTCACTGTGAAATGGCTGGGCTCCCCAAATTGTGAGACTAAAGG
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 GTCTTCTTCTCCTAATTGTTCCCTTATTGTCTGTGCTATTTTATCTTCATCAAGAGGGATCAACTGT
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 TAGACAGCCGGGAGTGTTCCTCGACATGTTTCTCAGTGACACCTCCAGAGAAGTTCCTATATATGCA
 AACAGATTTGCAGTACCAACCTATGCAGCCAAGCAACCTCAGCAGTTCCTATCAAGGCCACCTCCACCAC
 AACCGAAAGTATCATCTCAGGAACTTAATTCCTGCCGTCCTGCTCCTGCACCTCCTTATATAGTTC
 CCTCACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222453 representing NM_003816 Red=Cloning site Green=Tags(s) MGSGARFPSGTLRVRWLLLLGLVGPVLGAARPGFQQTSHLSSYEIITPWRLTRERREAPRPYSKQVSYVI QAEQKEHIIHLERNKDLLPEDFVYTYNKEGTLITDHPNIQNHCHYRGYVEGVHNSSIALSDCFGLRGLL HLENASYGIEPLQNSSHFEHIIYRMDDVYKEPLKCGVSNKDIEKETAKDEEEPPSMTQLLRRRRRAVLPO TRYVELFIVVDKERYDMMGRNQTAVREEMILLANYLDSMYIMLNIRIVLVGLEIWTNGNLINIVGGAGDV LGNFVQWREKFLITRRRHDSAQLVLKKGFGGTAGMAFVGTVCSSRHAGGINVFGQITVETFASIVAHEL HNLGMNHDDGRDCSCGAKSCIMNSGASGRNFSSCSAEDFEKLTNLKGGNCLLNIPKPDEAYSAPSCGNK LVDAGEECDGTPKECELDPCCEGSTCKLKSFAECAYGDCCKDCRFLPGGTLCRGKTSECDVPEYCNGSS QFCQPDVFIQNGYPCQNNKAYCYNGMCQYYDAQCVIFGSKAKAAPKDCFIEVNSKGDRFGNCGFSGNEY KKCATGNALCGKLQCEVQEIIPVFGIVPAIIQTPSRGTCWGVDFQLGSDVPDPMVNEGTCGAGKICR NFQCVDAVLNYDCDVQKKCHGHGVCNSNKNCHCENGWAPPNCETKGYGGSVDGPTYNEMNTALRDGLL VFFFLIVPLIVCAIFIFIKRDQLWRSYFRKKRSQTYESDGKNQANPSRQPGSVPRHVSPVTPPREVPIYA NRFAVPTYAAKQPQQFSPRPPPPQPKVSSQGNLIPARPAPAPPLYSSLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003816
ORF Size:	2457 bp
Buffer:	PBS with 0.001% Pluronic F8512
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_003816.2
RefSeq Size:	4111 bp
RefSeq ORF:	2460 bp
Locus ID:	8754
UniProt ID:	Q13443
Cytogenetics:	8p11.22
MW:	90.56 kDa