

Product datasheet for **MR210637A1V**

Mouse Cdh5 (NM_009868) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cdh5 (NM_009868) AAV Particle
Tag:	Myc-DDK
Symbol:	Cdh5
Synonyms:	7B4; AA408225; Cd144; VE; VE-C; VE-Cad; Vec; VEcad; VECD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210637 representing NM_009868
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGAGGCTCACAGAGCTGGCCACTGCTTTGGGAGCCTTCCTGGGCCTCCTGGCAGTGGCAGCAATGG
 CAGGCCCTAACTTTCCCAAGATAGACACCCCAACATGCTACCTGCCACCATCGCCAAAAGAGAGACTG
 GATTTGGAATCAAATGCACATCGATGAAGAGAAAAATGAATCGCTGCCCACTATGTGGGAAAGATCAAG
 TCCAACGTGAACCGCCAGAATGCTAAGTATGTGCTCCAAGGAGAGTTTGTGGCAAGATCTTCGGGGTGC
 ATGCTAACACAGGGAATGTGCTTGCTATGAGAGGCTAGACGGGAGAAAGTCTCTGAGTACTTCCTTAC
 TGCCCTCATTGTGACAAGAACACCAACAAAACTGGAACAACCTTCAGCTTCACTGTCAAGGTGCAT
 GATATAAATGACAATTGGCCTGTGTTTTCGCACCAGGTATTCAACGCATCTGTGCCAGAGATGTCAGCTA
 TAGGGACCTCTGTCATCCGTGTGACAGCAGTGGATGCAGATGACCCCACTGTGGCCGGCCACGCCACTGT
 CTTGTACCAAATCGTGAAAGGAAATGAGTATTTCAGCATTGATAATTCTGGACTCATTTTCAAAAGATC
 AAAAACTTGGACCGAGAGAAACAGGCTGAATACAAGATCGTGGTGGAAACACAAGATGCCTGGGTCTGC
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 TCAATCCACATACACATTTTCGGTGCCTGAAGACATCCGAGTGGGCAAGCCCTTGGGCTTTCTGACTGTT
 GTGGACCCAGATGAGCCTCAGAACCGGATGACCAAGTACAGCATCATGCAGGGCAGTACAGGGACACCT
 TCACATTGAGACAGACCCCAACGTAACGAGGGTATCATCAAACCCACGAAGTCCCTGGACTATGAAGT
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 TGACAAGGCTCAGCGCAGCATCGGGTACTCCATCCGCAAGACCAAGTACAGAGGCAATTTCTTCCGAATA
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 TGGAGGCCAACGAAGTGGATTCTCGGGTAACCTGTAGGGAAGAGTCCATTGTGCAGGTTTACATTGA
 AGTCTTGGATGAGAATGACAACCTCCGGAATTTGCCAGCCCTACGAACCTAAAGTGTGTGAGAATGCT
 GCCCAGGGCAAGCTGGTAGTACAGATCTCTGCAACAGACAAGGATGTGGTGCCAGTAAACCCAAAGTTCA
 AGTTTGCCTGAAGAACGAGGACAGCAACTTACCCTCATAAACAACCATGACAACACCGCCAACATCAC
 GGTCAAGTATGGGCAGTTTAATCGGGAGCATGCCAAGTCCACTACCTGCCCGTCTCATCTCAGACAAC
 GGGGTGCCAGCCTGACTGGAACAGCACGCTAACCGTGGGTGTGTGCAAGTGAACGAGCAGGGCGAGT
 TCACCTTCTGTGAGGAGATGGCAGCCAGGCGGGTGTGACATCCAGGCGCTGGTGGCCATCTTCTCTG
 CATCTCACCATCACAGTGATTACCTTGCTGATCATCTGCGGAGGCGGATCCGGAAGCAGGCGCATGCT
 CATAGCAAGAGTGCCTGGAGATTACGAGCAGTTGGTCACTTACGATGAGGAGGGCGGTGGTGAGATGG
 ACACCACAGCTATGATGTGTGAGTCTTAATTCTGTGCGCGGTGGCTCCACTAAGCCCCTGCGTCCAC
 GATGGACGCGCGCGGCGAGGTGACACGCAGGTGCAGAAGCGCGCGCTGGCGCTGGACTGCACGGA
 GGGCCAGGGAGATGGCCACCATGATCGACGTGAAGAAAGAGAGGCAGACAATGACGGCGGTGGCCCC
 CATACGACACACTGCACATCTACGGCTACGAGGGCGCAGAGTCCATCGCAGAGTCCCTCAGTTCCCTGAG
 CACCAATTCCTCCGACTCTGACATCGATTATGACTTCTCAACGACTGGGGACCCAGGTTCAAGATGCTG
 GCTGAGCTGTACGGCTCAGATCCCCAGGAGAACTCATCATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210637 representing NM_009868 Red=Cloning site Green=Tags(s) MQRLTELATALGAFLGLLAVAAMAGPNFPQIDTPNMLPAHHRQKRDWIWNQMHI DEEKNESLPHYVGKIK SNVNRQNAKYVLQGEFAGKIFGVDANTGNVLAYERLDREKVSEYFLTALIVDKNTNKNLEQPSSFTVKVH DINDNWPVFSHQVFNASVPMSAIGTSVIRVTAVDADDDPTVAGHATVLYQIVKGNEYFSIDNSGLIFTKI KNLDREKQAEYKIVVETQDALGLRGESGTATVMIRLEDINDNFPVFTQSTYTFVSPEDIRVGKPLGFLT VDPDEPQNRMTKYSIMQGEYRDTFTIETDPKRNEGIKPTKSLDYEVIQQYTFYIEATDPTIRYEYLSST SGKNKAMVTINVLVDDEPPVFQRHFYHFKLPENQKKPLIGTVVAKDPDKAQRSIGYSIRKTSDRGQFFRI TKQGNIIYNEKELDRETYAWYNLTVEANELDSRGNPVGKESIVQYIEVL DENDNPPEFAQPYEPKVCENA AQGKLVVQISATDKDVVPVNPVKFKFALKNEDSNFTLINNHNTANITVKYQG FNREHAKFHYLPVLISDN GVPSLTGTSTLTGVCKCNEQGEFTFCEEMAAQAGVSIQALVAIFLCILITITVITLLIILRRRIRKQAHA HSKSALEIHEQLVTYDEEGGEMDTTSYDVSVLNSVRGGSTKPLRSTMDARPAVYTQVQKPPRLAPGLHG GPREMATMIDVKKEEADNDGGGPPYDTLHIYGYEGAESIAESLSSLSTNSSDSDIDYDFLNDWGPRFKML AELYGSDPQEELII TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009868
ORF Size:	2352 bp
Buffer:	PBS with 0.001% Pluronic F1716
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_009868.3, NP_033998.2</u>
RefSeq Size:	4004 bp
RefSeq ORF:	2355 bp
Locus ID:	12562
UniProt ID:	<u>P55284</u>
Cytogenetics:	8 53.04 cM
MW:	88.4 kDa