

Product datasheet for **RC201114A1V**

Human M Cadherin (CDH15) (NM_004933) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human M Cadherin (CDH15) (NM_004933) AAV Particle
Tag:	Myc-DDK
Symbol:	CDH15
Synonyms:	CDH3; CDH14; CDHM; MCAD; MRD3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201114 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGACGCCCGTTCTCTCTCGTCTCGGGCTGTTGGCCAGAGCCTCTGCCTGTCTTTGGGGTTCCTG
GATGGAGGAGGCCACCACCCTGTACCCTGGCGCCGGGCGCCTGCCCTGAGCCGCGTGCAGGAGGCGCTG
GGTCATCCCCCGATCAGCGTATCCGAGAACCACAAGCGTCTCCCTACCCCTGGTTTCAGATCAAGTCG
GACAAGCAGCAGCTGGGAGCGTCATCTACAGCATCCAGGACCCGGCGTGGATGAGGAGCCCGGGGCG
TCTTCTCTATCGACAAGTTCACAGGGAAGGTCTTCTCAATGCCATGCTGGACCGCGAGAAGACTGATCG
CTTCAGGCTAAGAGCGTTTGCCTGGACCTGGGAGGATCCACCCTGGAGGACCCACGGACCTGGAGATT
GTAGTTGTGGATCAGAATGACAACCGGCCAGCCTTCTGCAGGAGGCGTTCAGTGGCCGCGTCTGGAGG
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AGCGCTCGGTTCTCCATCTGCAGCAGGGCAGCCCCGAGCTCTTCAGCATCGACGAGCTCACAGGAGAG
ATCCGCACAGTGCAAGTGGGGCTGGACCGCGAGGTGGTCGCGGTGTACAATCTGACCCTGCAGGTGGCGG
ACATGTCTGGAGACGGCCTCACAGCCTGCTCAGCCATCATCACCTTGATGACATCAATGACAATGC
CCCCGAGTTACACAGGATGAGTTCTTCATGGAGGCCATAGAGGCCGTGACGGAGTGGATGTGGGACGC
CTGGAAGTGGAGGACAGGACCTGCCAGGCTCCCCAACTGGGTGGCCAGGTTCACTATCCTGGAAGGCG
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CCTGGACTATGAGAGCTGTGAACACTACGAACCAAAGTGTGGTGCAGAATGAGGCCCCGCTGCAGGCG
GCTGCCCTTAGGGCTGAGCGGGGCCAGGCCAAGGTCCGCGTGCATGTGCAGGACACCAACGAGCCCCCG
TGTTCCAGGAGAACCCTTCGGACAGCCTAGCAGAGGGGGCACCCAGGCACTCTGGTGGCCACCTT
CTCTGCCCGGGACCTGACACAGAGCAGCTGCAGAGGCTCAGTACTCCAAGGACTACGACCCGGAAGAC
TGGCTGCAAGTGGACGACGCACTGGCCGGATCCAGACCCAGCAGCTGCTCAGCCGGCGTCCCCCTTCC
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GGGCCCCCTTCACTTCCAGCTGAGCCCCAGGCTCCAGAGCTCGGCCGGAAGTGGAGCCTCAGCCAGGT
CAACGTGAGCCACGCGCCTGCGGCCGCGACACAGGTCCCCGAAGGCTGCACCGCTCAGCCTGCTG
CTCCGGGACTCGGGGAGCCGCCCCAGCAGCGCGAGCAGCTCTGAACGTGACCGTGTGCCGCTGCGGCA
AGGACGGCGTCTGCCTGCCGGGGCCGCGAGCGCTGCTGGCGGGGGCACAGGCCTCAGCCTGGGCGCACT
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TGGAAGCAGTCTCGGGGCAAGGGGCTGCTGCAGGCCCCAGGACGACCTTCGAGACAATGTCTCAACT
ACGATGAGCAAGGAGGCGGGGAGGAGGACAGGACGCTACGACATCAGCCAGCTGCGTCACCCGACAGC
GCTGAGCCTGCCTCTGGGACCGCCGCACTTCGAGAGATGCCCCGAGGGCCGCTGCACCCAGCCA
CCCCGAGTGTGCCACAGCCCCCTGGACATCGCCGACTTCATCAATGATGGCTTGAGGCTGCAGATA
GTGACCCAGTGTGCCGCTTACGACACAGCCCTCATCTATGACTACGAGGTGACGGCTCGGTGGCGGG
GACGCTGAGCTCCATCTGTCCAGCCAGGGCGATGAGGACAGGACTACGACTACCTCAGAGACTGGGGG
CCCCGCTTCGCCCGGCTGGCAGACATGTATGGGCACCCGTGCGGGTTGGAGTACGGGGCAGATGGGACC
ACCAGGCCAGGAGGGTCTTTCTCTGGGCACTGCTACCCAGACACAGAGCCGACAGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201114 protein sequence Red=Cloning site Green=Tags(s) MDAAFLVLGLLAQSLCLSLGVPWRRPTTLYPWRRAPALSRVRRRAWVIPPISVSENHKRLPYPLVQIKS DKQQLGSIYISIQGPGVDEEPRGVFSIDKFTGKVFLNAMLDRKTDTRFRLRAFALDLGGSTLEDPTDLEI VVVDQNDNRPAFLQEAFTRGVLEGAVPGTYVTRAEATDADDPETDNAALRFSILQQGSPELFSIDELTGE IRTVQVGLDREVVAVYNLTQVADMSGDGLTATASAIITLDDINDNAPEFTRDEFFMEIEAVSGVDVGR LEVEDRDLPGSPNWWARFTILEGDPDGQFTIRTDPKTNEGVLIVKALDYESCEHYELKVSQNEAPLQA AALRAERGQAKVRVHVQDTNEPPVFQENPLRTSLAEGAPPGLTATFSARDPDTEQLQRLSYSKDYDPED WLQVDAATGRIQTQHVLSPASPFLKGGWYRAIVLAQDDASQPRATGTLSEIELEVNDHAPVLAPPPGS LCSEPHQGPGLLL GATDEDLPPHGAPFHFQLSPRLPELGRNWSLSQVNVSHARLRPRHQVPEGLHRLSLL LRDSGQPPQREQPLNVTVCRCGKDGVCPLGAAALLAGGTGLSLGALVIVLASALLLVLLVALRARF WKQSRGKGLLHGPDLLRDNVLYDEQGGGEEDQDAYDISQLRHPTALSLPLGPPPLRRDAPQGRLHPQP PRVLPTSPLDIADFINDGLEAADSDPSVPPYDTALIYDYEGDGSVAGTLSSILSSQGEDEDQDYDLRDWG PRFARLADMYGHPCGLEYGARWDHQAREGLSPGALLPRHRGRTA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004933
ORF Size:	2442 bp
Buffer:	PBS with 0.001% Pluronic F5163
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_004933.2
RefSeq Size:	2875 bp
RefSeq ORF:	2445 bp
Locus ID:	1013
UniProt ID:	P55291
Cytogenetics:	16q24.3
MW:	88.9 kDa