

Product datasheet for **RC223907A1V**

Human VE Cadherin (CDH5) (NM_001795) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VE Cadherin (CDH5) (NM_001795) AAV Particle
Tag:	Myc-DDK
Symbol:	CDH5
Synonyms:	7B4; CD144
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223907 representing NM_001795
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGAGGCTCATGATGCTCCTCGCCACATCGGGCGCCTGCCTGGGCCTGCTGGCAGTGGCAGCAGTGG
 CAGCAGCAGGTGCTAACCCTGCCAACGGGACACCCACAGCCTGCTGCCACCCACCGGCCAAAAGAG
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 CCTCCCGGGGAAACAGAGCCCAGGTCAATTATCAACATCACAGATGTGGACGAGCCCCCATTTTCCAGC
 AGCCTTTCTACCACTTCCAGCTGAAGGAAAACAGAGAAGCCTCTGATTGGCACAGTGTGGCCATGGA
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 GCTGTCCATGGCCAGCTGGTCTGCAGATCTCCGCAATAGACAAGGACATAACACCACGAAACGTGAAGT
 TCAAATTCATCTTGAATACTGAGAACAACCTTACCCTCACGGATAATCACGATAACACGGCCAACATCAC
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 CATCCTCACCATCACAGTGATCACCTGCTCATCTTCTGCGGCGGCGGCTCCGGAAGCAGGCCCCGCGCG
 CACGGCAAGAGCGTGCCGGAGATCCACGAGCAGCTGGTCACTACGACGAGGAGGGCGGCGGCGAGATGG
 ACACCACAGCTACGATGTGTGGTGCTCAACTCGGTGCGCGCGGCGGGGCCAAGCCCCCGCGGCCCGC
 GCTGGACGCCCCGCCCTTCCCTCTATGCGCAGGTGCAGAAGCCACCGAGGCACGCGCTGGGGCACACGGA
 GGGCCCCGGGAGATGGCAGCCATGATCGAGGTGAAGAAGGACGAGGCGGACCACGACGGCGACGGCCCCC
 CCTACGACACGCTGCACATCTACGGCTACGAGGGCTCCGAGTCCATAGCCGAGTCCCTCAGCTCCCTGGG
 CACCGACTCATCCGACTCTGACGTGGATTACGACTTCTTAACGACTGGGGACCCAGGTTTAAGATGCTG
 GCTGAGCTGTACGGCTCGGACCCCCGGGAGGAGCTGCTGTAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223907 representing NM_001795 Red=Cloning site Green=Tags(s) MQRLMMLLATSGACLGGLLAVAAVAAAGANPAQRDTHSLPTHRQKRDWIWNQMHI DEEKNTSLPHHV GK IKSSVSRKNAKYLLKGEYVGKVFVRVDAETGDVFAIERLDRENI SEYHLTAVIVDKDTGENLETPSSFTIK VHDVNDNWPVFTHRLFNASVPESAVGTSVISVTAVDADPTVGDHASVMYQILKGKEYFAIDNSGRIIT ITKSLDREKQARYEIVVEARDAQGLRGDSGTATVLVTLQDINDNFPFFTQTKYTFVVPEDTRVGT SVGSL FVEDPDEPQNRMTKYSILRGDYQDAFTIETNPAHNEGIIKPMKPLDYEYIQQYSFIVEATDPTIDLRYS PPAGNRAQVVIINITDVDEPPIFQQPFYHFQLENQKKPLIGTVLAMPDPAARHSIGYSIRRTSDKGQFFR VTKKGDIYNEKELDREYYPWYNLTVEAKELDSTGPTGKESIVQVHIEVL DENDNAPEFAKPYQPKVCEN AVHQLVLQISAIKDIITPRNVKFKFILNTENNFTLTDNHDNTANITVKYQGFDREHTKVHFLPVVISDN GMPSTGTSTLTVAVCKNEQGEFTFCEDMAAQVGVSIQAVVAILLCILTITVITLLIFLRRRLRKQARA HGKSVPEIHEQLVTYDEEGGEMDTTSYDVSVLNSVRRGGAKPPRPALDARPSLYAQVQKPPRHAPGAHG GPGEMAAMIEVKKDEADHDGDGPPYDTLHIYGYEGSESAESLSSLTGDSDDSDVDYDFLNDWGPRFKML AELYGSDPREELLY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001795
ORF Size:	2352 bp
Buffer:	PBS with 0.001% Pluronic F8733
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_001795.3
RefSeq Size:	4134 bp
RefSeq ORF:	2355 bp
Locus ID:	1003
UniProt ID:	P33151
Cytogenetics:	16q21
MW:	87.5 kDa