

Product datasheet for **RC215511A1V**

Human CCDC81 (NM_021827) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CCDC81 (NM_021827) AAV Particle
Tag:	Myc-DDK
Symbol:	CCDC81
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215511 representing NM_021827
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTGGATACGATCGCCCGTGCCTGCAGGACCTGGGCAGGCAGGTGCTGCCACTCTGCCCTCGCTGA
 GCCAGGAGGAAGTCTCTATTATCTGGGGGAATGTATCAGAATTTGTGAGACGGCAGTTAACCCCTGCACAA
 GGGGGTTCAGATTCCAGCATTTGGAACCTTCACTTTTATAAGACAAAAGCTTGAGGTGGGAAACACAAA
 TTTATCTTAATCCAGAGGCTGTGTTTATCATGGTGGAGAAGCTAGTGCAGATTCATGGACTCAAACAAA
 ACAAAGGCTGGCACTGTGGACTCGGTGTTGTCTAGCAGAGAGGCCCTTGAGGAAGTGGCCAGCAGTGT
 GCTTGCCTTTCCAAGGATTGAGCTCAAGGAGATGGAAAACAACTGCCTATGGAGACCCTTGTAGAAGAA
 TGTGGAGAGAATAGAGAAAGGAAGTCAAGTTAAAGACCAGTCAGACAAAGAAGAAGGCACCAGAGATA
 TCTCATACCCAAAAGACTTCGAGATAGACAAGCTTTGTTCCCTGCCAAAGTGACAAATGTCAGCTTGCT
 GGAAAAGTTTGAACGAAGTGAGAGTGGTGGGAAGATTGACCCCTGAAAGCTTATCATATCCAAGTTGT
 CTGAAACACGACAGTGAGATGAAGCCCCAACATCTCCAGCTTGCCAGGATCATAACAAGGCAGGACAGG
 AAATGTGCTATGTATGTTTGCAACGAGCACAACGAAATTCCTGTTGTACTACAGTGAGGAAAGGAGGAG
 AGAGATAGAAGATGAGAGACTCATACAGCAGTATCAGATGTTAAAGGATCAGGAGGCTCTCTTCAGACAC
 CAGATGAAAAGTCTGGCTACTAGAGAACAGAATCAGAAAAATGCTGCCTATAATCTTGGAGTTGCTGAAG
 CTATAAGAAACCAAGAATGAGAAACCGGAATTTTATAAATCCTTCTATTTGACAAACGGCCACTCAG
 TCCTGCGCTTAATGCTCTTAAGCAAGAGGAATATCCCGGAGTCTCTGAAACAAATGGATAACAGACAG
 GAAAACGAAATAAGCAAAGACAATACAGAGAGTTGATGGACCGCCTGGAACAAGTCAACTCACAGAGG
 AACTTGCTGCGCAAAGAGCGAAATTTTAAAAGATAAGATGGAAGAAACACAGTGTTACAAGAGAGCTTT
 GGATGCACAGATAAAGAACAAACCTCTCGGCTGCCCCCTTTGAGCCAGACTCCTCTGAGCCCATCTTT
 GGTAAGATGAGGGTGAAGTGTGTTGGAAGCAAAAGCGAGAACAAATTACATGAAACACCGCTGG
 AGGCAGCTGCTAACCAAGAGGAAAGCCATCTGCATCAACTAGTGGACCAGAGGCGGGATTTGCAAT
 GCTTCAGAGGACACAAAGAGAGCACTTGGCAGACAGAACCCTGAGCTGGAGCGAGTAAATAGAGTCAAC
 CAATGCTTACAGGAGGACTGGGAAAGGAGTGTGCGATGAAGAAGCAGCGAGACCTGGAGGACAAGGCTT
 TTGAACGGGCTTCAGACAAGCTGTTTCTCTAGACCAGTGTGAGAAGTATCGGCGCTGCAAGCAATGCCA
 GAGGCGCACCTCCAACGTGGGCGAGAGCAACCTGTGGCCCTGAACAAGTTCCTGCCTGGCTCCCGTTG
 CTTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLDTIARALQDLGRQVLPTLPSLSQEEVSIWGNVSEFVRRQLTLHKGVQIPAFGTFTFIRQKLEVGNNK
 FILIQRPVFIMVEKLVQIHGLKQNKRPVTVDSVLSREALRKWPSSVLAFPRIELKEMENKLPMTLVVE
 CGENRERKCKLKDQSDKEEGTRDISSPKRLDRQALFPAKVTNVSLLEKFERSESGGKIMTPESLSYPSC
 LKHDSEMKPQTSAPCQDHNKAGQEMCYVCLQRAQRNSLLYYSEERRREIREDERLIQQYQMLKDQEALFRH
 QMKSLATREQNQNAAYNLGVAEAI RNHKNKPEFYKSFLDKRPLSPALNALKQEEYSRLLKQMDNRQ
 ENEIKQRQYRELMRLEQVQLTEELAAQRAKFLKDKMEETQCYKRALDAQIKNKPSRLPPFEPDSSEPIF
 GKNEGELMVEKQKREQNYMKHQLAAANHKRKAILHQLVDQRRDLQMLQRTQREHLADRTAELERVNRVN
 QCLQEDWERSAAMKKQRDLEDKAFERASDKLFLLDQCEKYRRCKQCQRRTSNVGESNLWPLNKLPGSRL
 LV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_021827
ORF Size:	1686 bp
Buffer:	PBS with 0.001% Pluronic F68
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_021827.2</u> , <u>NP_068599.3</u>
RefSeq Size:	2513 bp
RefSeq ORF:	1689 bp
Locus ID:	60494
UniProt ID:	<u>Q6ZN84</u>
Cytogenetics:	11q14.2
MW:	65.9 kDa