

Product datasheet for **RC217484A1V**

Human CDADC1 (NM_030911) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDADC1 (NM_030911) AAV Particle
Tag:	Myc-DDK
Symbol:	CDADC1
Synonyms:	bA103J18.1; NYD-SP15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217484 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAGAAGCTGGGCAGATGCAAAATCTGGAGAGCGGAGGGCCGGCGGTGATCAGCACCCAGACTG
 GCAGCATGACCGGTCAGATACCAAGCCTTTCTAAAGTCAACCTTTTCACTCTGCTCAGCCTCTGGATGGA
 GCTCTTTCCAGCAGAAGCCAGCGGCAAAAATCTCAGAAAAATGAAGAGGGAAAGCATGGACCCTTAGGA
 GATAATGAAGAGAGGACCAGAGTATCTACTGACAAAAGACAGGTAAGAGAACTGGTCTTGTGGTGGTGA
 AAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTTACATGCCGGGCAGATTGCTCTTATTAA
 ACATGGGTCAAGGCTGAAAACTGTGATCTTTATTTTCCAGAAAACCATGTTCTGCTTGTGAAAAATG
 ATTGTAATGCTGGAGTTAACCGAATTTCACTAGGCCTGCTGATCCAGAAATAAGTTTGCTTACGGAGG
 CTTCTAGTTCTGAAGATGCAAAGTTAGATGCCAAAGCAGTGGAAAGATTGAAGTCAAACAGTCGGGCCCA
 TGTGTGTGCTTACTTCAACCTTTGGTGTGTTATATGGTGCAGTTTGTAGAGGAGACCTTTACAATGT
 GACTTTATTCAAAAATTACAAAACATTGCCGGATGCTAACACTGACTTTTATTATGAATGTAAACAAG
 AAAGAATAAAAAGAAATATGAAATGTTATTTTGGTTTCAAATGAAGAAATGCATAAGCAAATACTGATGAC
 TATAGGTTTGGAGAACCTGTGTGAAAATCCATACTTTAGCAATCTAAGGCAAAACATGAAAGACCTTATC
 TACTTTTGGCCACAGTAGCTTCCAGTGTGCCGAACCTTAAACACTTCGGATTTTACCGTAGCAATCCAG
 AACAGATTAATGAAATTCACAATCAAAGTTGCCACAGGAAATGCAAGGCACATGCATGGTTCAGGCCAG
 GTTATTGGCATATCGAAGTGGAGATCATAAAACAGGAGTTGGGGCAGTCATTTGGGCAGAAGGAAATCT
 AGAAGTTGTGATGGAACAGGTGCCATGTACTTTGTAGGATGTGTTACAATGCTTTTCTGTTGGATCTG
 AGTATGCTGACTTCCCACACATGGATGACAAGCAGAAAGACAGAGAAATAGGAAATTCAGATACATCAT
 ACATGCCGAACAGAATGCCTTGACATTTAGGTGTCAAGAAATAAAACCAGAAGAAAGAGCATGATTTTT
 GTGACAAAGTGCCCATGTGATGAGTGTGTACCTTTAATTAAGGTGCAGGCATAAAACAATCTATGCAG
 GAGATGTAGATGTTGGAAAAAGAAGGCAGACATCTTACATGAGGTTCCGGGAGCTTGAAGGTGTTAG
 CAAATTCAGTGGCAGCTGAATCCATCAGGAGCTTATGGTCTTGAACAAAATGAGCCTGAAAGGAGAGAA
 AATGGTGTGTTGAGACCTGTCCCACAGAAGGAAGAGCAGCACCAGGACAAGAAGCTGCGCCTCGAATCC
 AC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217484 protein sequence
 Red=Cloning site Green=Tags(s)

MKEAGQMQLNLESARAGRSVSTQTSMTGQIPRLSKVNLFTLLSLWMELFPAEAQRQKSQKNEEGKHGPLG
 DNEERTRVSTDKRQVKRTGLVVVKNMKIVGLHCSSDLHAGQIALIKHGSRLKNCDLYFSRKPCSACLKM
 IVNAGVNRISYWPADPEISLLTEASSSEDAKLDAKAVERLKSNSRAHVCVLLQPLVCYMQVQVEETSQK
 DFIQKITKTLPDANTDFYFECKQERIKIYEMLFLVSNEEMHKQILMTIGLENLCENPYFSNLRQNMKDLI
 LLLATVASSVPNFKHFGFYRSNPEQINEIHNQSLPQEIARHCMVQARLLAYRTEDHKTGVGAVIWAEGKS
 RSCDGTGAMYFVCGYNAPVPGSEYADFPHMDDKQKDREIRKFRYIIHAEQNALTFRCQEIKPEERSMIF
 VTKPCDECVPLIKGAGIKQIYAGDQVGVGKKKADISYMRFGELEGVSKFTWQLNPSGAYGLEQNEPERRE
 NGVLRPVPQKEEQHQDKKLRLLGIH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030911

ORF Size:

1542 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_030911.1</u>
RefSeq Size:	3417 bp
RefSeq ORF:	1545 bp
Locus ID:	81602
UniProt ID:	<u>Q9BWW3</u>
Cytogenetics:	13q14.2
MW:	58.5 kDa