

Product datasheet for **RC216190A1V**

Human **CCDC64** (NM_207311) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CCDC64 (NM_207311) AAV Particle
Tag:	Myc-DDK
Symbol:	CCDC64
Synonyms:	BICDR-1; BICDR1; CCDC64; CCDC64A; H_267D11.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216190 representing NM_207311
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCGCTTTCTGCCTGGGCTTGGTCGGCCGCGCTTCAGCACCCGCGAGCCGGACAGCGCCTGCTGCA
 TGGAGCTGCCCGCCGCGGCCGGGACGCAGTCCGGAGTCCCGCCGCCGCCGCCCTCATCTTCCCGG
 GGGCTCCGGGGAGCTAGAACTGGCGTTAGAGGAGGAGCTGGCGTGTGGCGGCCGGGGAGCGGCCGTCC
 GACCCCGGGGAACACCTCAGGCCGAGCCTGGGTCTCTGGCCGAGGGGGCCGACCGCAGCCGCCGCCCT
 CCCAGGACCCGAGCTGCTGTGGTGATCCGACAGAAGGAGAAGGATCTGGTGTGGCGGCCCGGCTGGG
 TAAGGCGCTGCTCGAGAGGAACAGGACATGAGCCGCGAGTACGAGCAGATGCATAAGGAGCTGACAGAC
 AAGCTCGAGCACTTAGAGCAAGAGAAACATGAATTGAGAAGACGATTTGAGAACCAGAGAGGGGAGTGGG
 AAGGCCGAGTGTGAGAGCTGGAGAGTGTGTGAAGCAGCTACAGGATGAGTTGGAGAGGCAGCAGATTCA
 TCTGCGGGAAGCAGATCGAGAAAAATCACGGGCTGTCCAGGAAGTGTGGAACAGAACCAAGGCTATTG
 GATCAGCTCAGCAGGGCATCAGAAGTTGAGAGCAACTCTCATGCAGGTCCACGCCCTCAGAGAAGACT
 TTCGGGAGAAAACTCATCAACCAACAGCACATTATCCGGCTGGAGAGCCTTCAGGCCGAGATCAAGAT
 GCTGTCAGATCGGAAACGGGAGCTGGAGCATCGTCTCAGCGCTACTTTAGAGGAAAAATGACCTGCTCAA
 GGGACCGTGGAGGAGCTACAGGACCGGGTGCTAATCCTGGAGAGGCAGGGCCATGACAAGGACCTACAGC
 TGCACCAAGCCAGCTGGAGCTTCAGGAGGTGCGTCTCTCCTGCCGACAGCTGCAGGTGAAGGTGGAAGA
 ACTCACTGAGGAGAGGAGTCTGCAGAGCTCTGCCGCCACAGCACATCCCTCCTGTCAGAGATCGAGCAG
 AGCATGGAGGCTGAGGAGCTGGAGCAGGAGCGAGAGCAGCTGAGACTGCAGCTCTGGGAAGCCTACTGCC
 AGGTTGCTATCTGTGCTCACACCTTCGAGGCAATGACAGTGTGACTCAGCCGTCTCCACGGACTCCTC
 CATGGAGCAGTCTTCAGAAACCTCGTCCGCCAAGGATGTGCCAGCCGGCAGCTTGCGCACTGCCCTCAAT
 GAGCTCAAGAGACTGATACAGAGCATTGTGGATGGCATGGAGCCACGGTGACACTGCTGAGTGTGGAGA
 TGACTGCCCTAAAAGAGGAGAGAGACCGACTCAGAGTCACTTCTGAGGACAAGGAGCCAAAGGAGCAGCT
 TCAGAAGGCCATCAGGACCGCGACGAGGCCATTGCAAAGAAGAATGCTGTGGAGCTGGAAGTTGCCAAG
 TGCAGGATGGATATGATGTCTCTGAACAGCCAGTTGCTGGATGCCATTGAGCAGAACTGAACCTCTCGC
 AGCAGCTGGAAGCTTGGCAGGATGACATGCACAGGGTATTGACCGGCAGCTGATGGACACGCACCTGAA
 AGAACGGAGCCAGCCGGCTGCTGCCCTCTGCAGGGGCCACAGCGCTGGGCGGGGGATGAGCCCAGCATC
 GCTGAAGGCAACGACTTTCTATTCTTCAGGAAAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSAFCLGLVGRASAPAEPSACCMELPAAAGDAVRSPAAAAALIFPGSGELELALAEELALLAAGERPS
 DPGEHPQAEPSLAEGAGPQPPPSQDPELLSVIRQKEKDLVLAARLGKALLERNQDMSRQYEQMHKELTD
 KLEHLEQEKHELRRRFENREGWEGRVSELESVDKQLQDELERQQIHLREADREKSRVQELSEQNRLL
 DQLSRASEVERQLSMQVHALREDFREKNSSTNQHIIRLESQAIEKMLSDRKRELEHRLSATLEENDLLQ
 GTVEELQDRVLI LERQGHDKDLQLHQSQLQEVRLSCRQLQVKVEELTEERSLQSSAATSTSLSEIEQ
 SMEAELEQEREQLRLQLWEAYCQVRYLCSHLRGNDSDASVSTDSSMDESSETSSAKDVPAGSLRTALN
 ELKRLIQSIVDGMEPTVTLLSVEMTALKEERDLRVTSDEKPEQLQKAIRDRDEAIAKKNAVELELAK
 CRMDMMSLNSQLLDIAIQKLNLSQQLAWQDDMHRVIDRQLMDTHLKERSQPAALCRGHSAGRGDEPSI
 AEGKRLFSFFRKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_207311
ORF Size:	1719 bp
Buffer:	PBS with 0.001% Pluronic F7507
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_207311.2</u> , <u>NP_997194.2</u>
RefSeq Size:	3081 bp
RefSeq ORF:	1722 bp
Locus ID:	92558
UniProt ID:	<u>Q6ZP65</u>
Cytogenetics:	12q24.23
MW:	64.7 kDa