

Product datasheet for **RC205417A1V**

Human **CCDC7 (NM_145023) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human CCDC7 (NM_145023) AAV Particle
Tag:	Myc-DDK
Symbol:	CCDC7
Synonyms:	BIOT2; BioT2-A; BioT2-B; BioT2-C; C10orf68
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205417 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACCAGTAAAGCATCTGTTGACCACCAGTAAACAAATCGGCAAAATGTTCCAGCATTAACTACTAAAA
 AAGGACTACATAATTTACCATTATCACCTGAGCTAAAGGAAAAACATAATGCAAAATTAATTCATGATAA
 AATTGAACCAATGGTCTTAAGATCTCCACCAACAGGAGAAATCCATTTTACGGTATGCTTTGCCATTCCA
 TCGAGTAAAGACAAAGAACTTACTACCAGAAGATGAAATGATCGGAAAAATATCAAAATCTGAAGATGG
 TTGTTTCCACTTTGGAAGAACTATGGACATTGCGATCAGAATGGAGAAGAACCATTTGTAAGCATGA
 ACATGAAGAATTATCTTTATCTGTTGGGGATGATATGAATTCATTCTTGACATATTGTTCCGAATTTGCA
 GCTCAGCTAGAAGAAGCACTTAAAGAAGAACAAAATATTTTGAATCTCTTTTTAAGTGGTTTCAGTGGC
 AGGTCAATCAGATGGAAGAAATAAGTAAAGATCAAACCTTTTTACAAGCAGAGCCTCCAAAACCTGACAA
 AACAGTCATTTTAAATATTCAGAAAATAGTAAGGCTTGTACAAGATTTGAAGAACTGAAGAATCGCCTT
 AAACAGAGGTCTAAATCTCCGTGAAAGTCATGTTGTCTAAAACCTATGGATAAAGAAAAATCGACCAGAAG
 CAGTGAAGGTTGTGAAGCTCTGGCACAGAAAATTGAAGAATTCTTAGAAGCCCACTCAACTGATGAATT
 TAAAGATGTTTCTGCAACAGAACCACAAAACCTGCTCATTCAATGACTAATCGATTTAATGCCATGTTGAAA
 GTATTTGAAAACAGGCCAAATATGTTGGAGAGAGCTGTAATGATCAAGTTTTGTTAGATGCTGAATACA
 AACAGATGCAGTGTGATTTTCAGTTGTTATCAGAAGAGAAGTTGGTGTGGAAAAATGAACTACAAAAGTT
 GAAGGACAAAGAGAAAACCTAAGCCTACAAAATATCGAACAAAGAAAGCTGTGAAAACAGTGAAGAAAAA
 GACAAAGGAAAATCTGAGGATTCAGAAAAGAAGATGTCTCCAGAAAAGAGTTTAAAAATAAAGAAGATT
 TGGATCAAGTACAGAAAGTAGCACGCTGGAATTTGAGAACAAGTCTTCAGGAGCAATGAAACAGGC
 TTTACAGGAAGCTGAAAAGCTAAGCATCAACTTAACTATTTTCTAAATCAAGAGAAGTTACTTAAAAAGT
 GAGGGGAAAACCTGAGACAACAATGCAAGTGGGTAAATAGTCAAAACAAAAGTTAAAGGTGAAGATTCAAAA
 ATATACCATTGGAGAAAAGAAACAAGAAAATCACTGGTTTCAGATTCAGGTGGACAAGGACAAGTGATAA
 AATCCAAGAATATCCACAGATCACTGCCCAAAGCGGAAGACTGATTGAAAAGAGATGC

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205417 protein sequence
 Red=Cloning site Green=Tags(s)

MKPVKHLTTSNKSANVPALTTKKGLHNLPLSPELKEKHNAKL IHDKIEPMVLRSPPTGESILRYALPIP
 SSKTKNLLPEDEMIGKIIKHLKVVSTLEETYGHCDQNGEPPFKHEHEELSLSVGDDMNSFLTYCSQFA
 AQLLEEALKEEQNILES LFKWFQVQVNMEEISKDQTLQAEPPKPKDQTVILNIAEIVRLVQRFEELKNRL
 KQRSKSSVKVMLSKTMDKENRPEAVKSCEALAQKIEEFLEAHSTDEFKDVSAEPQTAHSMTNRFNAMLK
 VFENQANMLERAVNDQVLLDAEYKQMOCDFQLLSEEKLVLENELQKLDKEKTKPTNNRTRKAVKTVKVK
 DKGKSEDESKMSPEKEFKIKEDLDQVQKVARLEIENKVLQEQLKQALQEAEKAKHQLNYFLNQEKLLKS
 EGKTETTMQVGNSTKVKGEDSKNIPEKETRSLVSDSGGQRTSDKIQEYPQITAQSGRLIEKR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_145023

ORF Size:

1458 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_145023.4</u>
RefSeq Size:	2204 bp
RefSeq ORF:	1461 bp
Locus ID:	221016
UniProt ID:	<u>Q96M83</u>
Cytogenetics:	10p11.22
MW:	55.8 kDa