

## Product datasheet for **RC210778A1V**

### Human Coatomer subunit delta (ARCN1) (NM\_001655) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Coatomer subunit delta (ARCN1) (NM_001655) AAV Particle
Tag:	Myc-DDK
Symbol:	Coatomer subunit delta
Synonyms:	COPD; SRMMD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC210778 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGTCTTTGGCAGCAGCGTCTGCACAAAAGCAGGAAAGGCTATTGTTTCTCGACAGTTTGTGGAAA  
 TGACCCGAACTCGGATTGAGGGCTTATTAGCAGCTTTTCAAAGCTCATGAACACTGGAAAAACAACATAC  
 GTTTGTTGAAACAGAGAGTGAAGATATGTCTACCAGCCTATGGAGAACTGTATATGGTACTGATCACT  
 ACCAAAAACAGCAACATTTTAGAAGATTTGGAGACCCTAAGGCTCTTCTCAAGAGTGATCCCTGAATATT  
 GCCGAGCCTTAGAAGAGAATGAAATATCTGAGCACTGTTTTGATTTGATTTTGTCTTTGATGAAATTGT  
 CGCACTGGGATACCGGAGAATGTTAATTGGCACAGATCAGAACCTTACAGAAATGGATTCTCATGAG  
 GAGAAGGTGTTGAGCCGTGAGAGACTCAAGAACGTGAAGCTAAGGCTGAGATGCGTCGTAAGCAA  
 AGGAATTACAACAGGCCGAAGAGATGCAGAGAGACAGGGCAAAAAGCACCAGGATTTGGCGGATTTGG  
 CAGCTCTGCAGTATCTGGAGGCAGCACAGCTGCCATGATCACAGAGACCATCATTGAAACTGATAAACA  
 AAAGTGGCACCTGCACCAGCCAGGCCTTCAAGGCCAGCAAGGCTTTAAAACCTGGAGCCAAAGGAAAGG  
 AAGTAGATAACTTTGTGGACAAATTTAAATCTGAAGGTGAAACCATCATGTCTCTAGTATGGGCAAGCG  
 TACTTCTGAAGCAACCAAAATGCATGCTCCACCATTAATATGAAAAGTGTACATATGAAGATTGAAGAA  
 AAGATAACATTAACCTGTGGACGAGACGGAGGATTACAGAATATGGAGTTGCATGGCATGATCATGCTTA  
 GGATCTCAGATGACAAGTATGGCCGAATTCGTCTTCATGTGAAAAATGAAGATAAGAAAGGGGTGCAGCT  
 ACAGACCCATCCAATGTGGATAAAAACTTTTCACTGCAGAGTCTCTAATTGGCCTGAAGAATCCAGAG  
 AAGTCATTTCCAGTCAACAGTGCAGTGGGGTCTAAAGTGGAGACTACAACCACAGAGGAATCTTTTA  
 TTCCACTGACAATTAATTGCTGGCCCTCGGAGAGTGGAAATGGCTGTGATGTAACATAGAAATGAGCT  
 ACAAGAAGATAATTTAGAACTGAATGATGTGGTTATCACCATCCCACTCCCGTCTGGTGTGCGGCGCCT  
 GTTATCCGTGAGATCGATGGGGAGTATCGACATGACAGTCGACGAAATACCCTGGAGTGGTGCCTGCCTG  
 TGATTGATGCCAAAAATAAGAGTGGCAGCCTGGAGTTTAGCATTGCTGGGCGACCCAATGACTTCTTCCC  
 TGTTCAAGTTTCTTTGTCTCCAAGAAAAATTACTGTAACATACAGGTTACCAAAGTGACCCAGGTAGAT  
 GGAAACAGCCCGTCAGGTTTTCCACAGAGACCACTTCTAGTGGATAAGTATGAAATCTG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC210778 protein sequence  
 Red=Cloning site Green=Tags(s)

MVLLAAVCTKAGKAIIVSRQFVEMTRTRIEGLLAAPKLMNTGKQHTFVETESVRYVYQPMKLYMVLIT  
 TKNSNILEDLETLRFLSRVIPEYCRAL EENEISEHCFDLIFAFDEIVALGYRENVNLAQIRTFTEMDSHE  
 EKVFRAVRETQEREAKAEMRRKAKELQQARRDAERQGGKAPGFGGSSAVSGGSTAAMITETI IETDKP  
 KVAPAPARPSGSPKALKL GAKGKEVDNFVDKLGSEGETIMSSSMGKRTSEATKMHAPPINMESVHMKIEE  
 KITLTCGRDGLQNMELHGMIMLRISDDKYGRIRLHVENEDKKGVLQTHPNVDKLLFTAESLIGLKNPE  
 KSFPVNSDVGLKWRLQTTEESFIPLTINCWPSESGNGCDVNI EYELQEDNLELNDVVITIP LPSGVGAP  
 VIGEIDGEYRHDSRRNTLEWCLPVIDAKNKSGLSEFSIAGQPNDFFPVQVSFVSKKNYCNIQVTKVTQVD  
 GNSPVRFSTETFLVDKYEIL

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001655

**ORF Size:**

1533 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001655.3</a>
<b>RefSeq Size:</b>	4032 bp
<b>RefSeq ORF:</b>	1536 bp
<b>Locus ID:</b>	372
<b>UniProt ID:</b>	<a href="#">P48444</a>
<b>Cytogenetics:</b>	11q23.3
<b>MW:</b>	57.2 kDa