

## Product datasheet for **RC212582A1V**

### Human **CHRNA3 (NM\_000743)** AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CHRNA3 (NM_000743) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRNA3
Synonyms:	BAIPRCK; LNCR2; NACHRA3; PAOD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC212582 representing NM\_000743  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCTCTGGCCGCTCTCGCTGCCCTGGCGTGTGCGCCGCCGGCTGCTGTGCTGCTGCTGCTGT  
 CTCTGCTGCCAGTGGCCAGGCCCTCAGAGGCTGAGCACCGTCTATTTGAGCGGCTGTTGAAGATTACAA  
 TGAGATCATCCGGCCTGTAGCCAACGTGTCTGACCCAGTCATCATCCATTTTCAGGTGTCCATGTCTCAG  
 CTGGTGAAGTGGATGAAGTAAACCAGATCATGGAGACCAACCTGTGGCTCAAGCAAATCTGGAATGACT  
 ACAAGCTGAAGTGAACCCCTCTGACTATGGTGGGGCAGAGTTCATGCGTGTCCCTGCACAGAAGATCTG  
 GAAGCCAGACATTGTGCTGTATAACAATGCTGTTGGGGATTTCCAGGTGGACGACAAGACCAAAGCCTTA  
 CTCAAGTACACTGGGAGGTGACTTGGATACCTCCGGCCATCTTAAGAGCTCCTGTAAAATCGACGTGA  
 CCTACTCCCCTTTGATTACAAAACGTACCATGAAGTTCGGTTCCTGGTCTACGATAAGGCGAAAAT  
 CGATCTGGTCTGATCGGCTCTCCATGAACCTCAAGGACTATTGGGAGAGCGGGGAGTGGCCATCATC  
 AAAGCCCCAGGCTACAAACACGACATCAAGTAACTGCTGCGAGGAGATCTACCCCGACATCACATACT  
 CGCTGTACATCCGGCGCCTGCCCTTGTCTACACCATCAACCTCATCATCCCCTGCCTGCATCTCCTT  
 CCTCACTGTGCTCGTCTTCTACCTGCCCTCCGACTGCGGTGAGAAGGTGACCCTGTGATTTCTGTCTCT  
 CTCTCCCTGACGGTGTTCCTCTGGTGATCACTGAGACCATCCCTCCACCTCGCTGGTCACTCCCCTGA  
 TTGGAGAGTACCTCCTGTTACCATGATTTTTGTAACCTTGCCATCGTCATCACCGTCTTCGTGCTCAA  
 CGTGCCTACAGAACCCCGACGACACACAAATGCCCTCATGGGTGAAGACTGTATTCTGAACCTGCTC  
 CCCCGGTCATGTTTATGACCAGGCCAACAGCAACGAGGGCAACGCTCAGAAGCCGAGGCCCTCTACG  
 GTGCGGAGCTCAAAATCTGAATTGCTTCAGCCGCGCAGAGTCCAAAGGCTGCAAGGAGGCTACCCCTG  
 CCAGGACGGGATGTGTGTTACTGCCACCACCGCAGGATAAAAACTCCAATTTCAAGTGCTAACCTCACG  
 AGAAGCTAGTCTGAATCTGTTGATGCTGTGCTGTCCCTCTGCTTTGTACCAGAAATCAAAGAAG  
 CCATCCAAAGTCAAGTATATTGCTGAAAATATGAAAGCACAAAATGAAGCCAAAGAGATTCAAGATGA  
 TTGGAAGTATGTTGCCATGGTGATTGATCGATTTTTCTGTGGGTTTTACCCTGGTGTGCATTCTAGGG  
 ACAGCAGGATTGTTTCTGCAACCCTGATGGCCAGGGAAGATGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MGSGPLSLPLALSPRLLLLLLLLLPLVARASEAEHRLFERLFEDYNEIIRPVANVSDPVIHFEVMSMQ  
 LVKVDEVNQIMETNLWLKQIWNKYKLNWPNPSDYGGAEFMRVPAQKIWKPDIVLYNNAVGDVQVDDKTKAL  
 LKYTG EVTWIPPAIFKSSCKIDVYFPFDYQNTMKFGSWSYDKAKIDLVLIGSSMNLKDYWESGEWAI  
 KAPGYKHDIKYNCCIEIYPDITYSLYIRRLPLFYINLIIPCLLISFLTVLVFYLPSDCGEKVTLCISVL  
 LSLTVFLLVITETIPSTSLVIPLIGEYLLFTMIFVTLIVITVFLNVHYRTPHTHTMPSWVKTVFLNLL  
 PRVMFMRPTSNEGNAQKPRPLYGAELSNLNCFSRAESKGEKGYPCQDGMCGYCHRRRIKISNFSANLT  
 RSSSESVDVAVLSLSALSPEIKEAIQSVKZIAENMKAQNEAKEIQDDWKYVAMVIDRIFLWVFTLVLCILG  
 TAGLFLQPLMAREDA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000743

**ORF Size:**

1515 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>	<u><a href="#">NM_000743.2</a></u> , <u><a href="#">NP_000734.2</a></u>
<b>RefSeq Size:</b>	3020 bp
<b>RefSeq ORF:</b>	1518 bp
<b>Locus ID:</b>	1136
<b>UniProt ID:</b>	<u><a href="#">P32297</a></u>
<b>Cytogenetics:</b>	15q25.1
<b>MW:</b>	57.3 kDa