

Product datasheet for **RC211880A1V**

Human CHRNA9 (NM_017581) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHRNA9 (NM_017581) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRNA9
Synonyms:	HSA243342; NACHRA9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211880 representing NM_017581
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAAGTGGTCCCATTCCTGCATCTCCTTTTGTCTGGATCTACTTTGCTGCTTCCAGACTGAGAGCTGCAG
 AGACGGCAGATGGAAAATATGCTCAGAAAGTTGTTTAATGACCTTTTGAAGATTATTCTAATGCTTTCCG
 TCCAGTGAAGATACAGATAAAGTCCTGAATGTGACCCTGCAGATTACGCTCTCTCAGATTAAGGATATG
 GATGAAAGAAACCAAAATCTGACTGCTTATTTGTGGATCCGCCAAATCTGGCACGATGCCTATCTCACGT
 GGGACCGAGATCAGTACGATGGCCTAGACTCCATCAGGATCCCCAGTGACCTCGTGTGGAGGCCAGACAT
 CGTCTTATATAACAAGGCTGATGATGAATCTTCAGAGCCTGTGAACACCAATGTGGTCTGCGGTATGAT
 GGGCTGATCACCTGGGATGCACCGGCCATCACCAGGCTCCTGTGTGGTGGATGTCACCTACTTCCCTT
 TTGACAACCGAGTGAACCTGACTTTTGGTCTCGACCTACAATGGCAATCAGGTGGACATATTCAA
 CGCCTTGACAGCGGAGATCTCTGACTTCATTGAAGATGTGAATGGGAGGTCCATGGCATGCCCGCT
 GTGAAGATGTGATCTCTATGGCTGCTGCTCTGAGCCTTACCCGGATGTCACATTACCTCCTTCTGA
 AGAGGAGTCTCGTTCTATATCGTCAACCTCCTCATCCCATGCGTCTCATATCTTTTCTGGCTCCTCT
 GAGTTTTTATCTCCAGCAGCCTCCGGAGAAAAGGTCTCCCTGGGAGTGACCATCCTGTTGGCCATGACT
 GTATTTTCACTAATGGTGGCAGAAATCATGCCGCTCAGAAAATGTGCCCTGATAGGTAAATACTACA
 TAGCCACGATGGCCCTGATCACAGCCTCCACTGCGTTGACCATCATGGTATGAATATCCACTTCTGTGG
 GGCCGAGGCCCGCGGTGCCACACTGGGCCAGGTGGTCATCCTGAAATACATGTCCAGGTCTTGTGTT
 GTCTATGATGTGGTGAAGCTGCCTCAGCCCGCACACAGTAGAGAGCGGGACCACTCACGAAAGTTT
 ATAGCAAACTCCAGAGTCTAACCTGAAAGCAGCCAGGAACAAAGACCTTCCAGAAAGAAGGACATGAA
 CAAACGCTTAAAGAACGACCTGGGCTGCCAGGTAAAGAACCTCAGGAGGCCGAGAGTTACTGTGCACAG
 TACAAAGTGTGACGAGGAATATTGAGTACATCGCAAGTGCCTCAAAGACCACAAGGCCACAGTTCCA
 AGGGGAGTGAATGGAAGAAGGTGGCGAAAGTCATAGACCGATTCTTCATGTGGATTTTTTTCATTATGGT
 GTTTGTGATGACTATTTTGATCATAGCAAGAGCGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211880 representing NM_017581
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MNWSHSCISFCWIYFAASRLRAAETADGKYAQKLFNDLFEDYSNALRPVEDTDKVLNVTLQITLSQIKDM
 DERNQILTAYLWIRQIWHDAYLTWDRDQYDGLDSIRIPSDLVWRPDIVLYNKADDESSEPVNTNVVLRD
 GLITWDAPAITKSSCVVDVTYFPFDNQCNLTFGSWTYNGNQVDIFNALDSGDLSDFIEDVEVEVHGMPA
 VKNVISYGCCSEYPYDVTFTLLKRRSSFYIVNLLIPCVLISFLAPLSFYLPASGEKVS LGVTILLAMT
 VFQLMVAEIMPASENVPLIGKYYIATMALITASTALTIMVMNIHFCGAEARPVPHWARVVILKYMSRVLF
 VYDVGESCLSPHHSRERDHLTKVYSKLPESNLKAARNKDL SRKKDMNKRLKNDLGCQGNPQEAESYCAQ
 YKVLTRNIEYIAKCLKDHKATSSKSGSEWKVAKVIDRFFMWFIFIMVFMITILIIARADTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017581

ORF Size:

1437 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_017581.2</u>
RefSeq Size:	1892 bp
RefSeq ORF:	1440 bp
Locus ID:	55584
UniProt ID:	<u>Q9UGM1</u>
Cytogenetics:	4p14
MW:	54.78 kDa