

Product datasheet for **RC204040A1V**

Human CHRNA1 (NM_000747) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHRNA1 (NM_000747) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRNA1
Synonyms:	ACHRB; CHRNA; CMS1D; CMS2A; CMS2C; SCCMS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204040 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGACCCAGGGGCTCTGCTGATGCTGCTGGGGCGCTGGGGCGCCGCTCGCCCCAGGCGTCCGCGGCT
CGGAGGCGGAGGGTCGACTCCGGGGAACTTTTCTCTGGCTATGATAGCTCCGTGCGGCCAGCGCGGA
GGTGGGAGACCGTGTGAGGGTCAGCGTTGGTCTCATCCTGGCGCAACTCATCAGCCTGAACGAGAAGGAT
GAAGAGATGAGCACAAGGTGTACTTAGACCTGGAGTGGACTGACTACAGGCTGAGCTGGGACCTGCGG
AGCAGGACGGCATCGATTGCTCCGCATCAGCGGGAATCCGTGTGGCTCCCTGACGTGGTGTCTACTGAA
CAACAATGATGGGAATTTTACGTGGCTCTGGACATTAGCGTCGTGGTGTCTCCGACGGCTCCGTGCGT
TGGCAACCCCGGGCATCTATCGCAGCAGCTGCAGCATCCAGGTACCTACTTCCCTTCGACTGGCAGA
ATTGCACTATGGTGTTGAGCTCTACAGCTACGACAGCTCGGAGGTGAGCCTGCAGACAGGCTGGGTCC
TGACGGGCAAGGGCATCAGGAAATCCACATTATGAAGGACTTTCATTGAGAATGGCCAGTGGGAGATT
ATCCACAAGCCCTCTCGGCTAATCCAGCCTCCAGGCGATCCTAGGGGAGGGAGGGAAGGACAGCGCCAGG
AAGTCATCTTCTACCTCATCATCCGCCCAAGCCTCTCTTCTACCTGGTCAACGTCATTGCCCATGCA
CCTCATCACTCTTCTGGCCATCTTCTGTTCTACCTGCCACCAGATGCAGGAGAGAAGATGGGGCTCTCA
ATCTTTGCCCTGCTGACCCTTACTGTGTTCTGCTGCTGCTGGCTGACAAAGTACCTGAGACCTCACTAT
CAGTACCCATTATTATCAAGTACCTCATGTTTACCATGGTCTCGTCACCTTCTCAGTCATCCTTAGTGT
CGTGGTTCTCAACCTGCACCACCGCTCACCCACACCCACCAATGCCCTTTGGGTCCGTCAGATCTTC
ATTCACAACTTCCGCTGTACCTGCGTCTAAAAAGGCCAAACCCGAGAGAGACCTGATGCCGGAGCCCC
CTCACTGTTCTCTCCAGGAAGTGGCTGGGGTCGGGGAACAGATGAATATTTATCCGGAAGCCGCCAAG
TGATTTTCTCTTCCCAACCCCAATAGGTTCCAGCCTGAAGTGTCTGCCCTGATCTGCGGCGATTATC
GATGGTCCAAACCGGGCTGTGGCCCTGCTTCCGAGCTACGGGAGGTGCTCTCTCTATCAGCTACATCG
CTCAGCAGCTGCAGGAACAGGAGGACACGATGCGCTGAAGGAGGACTGGCAGTTTGTGGCCATGGTAGT
GGACCGCTCTTCTGTGGACTTTCATCATCTTACCAGCGTTGGGACCCTAGTCATCTTCTGGACGCC
ACGTACCACTTGCCCCCTCCAGACCCCTTCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204040 protein sequence

Red=Cloning site Green=Tags(s)

 MTPGALLMLLGALGAPLAPGVRGSEAEGRRLRGKLFSGYDSSVRPAREVGDRVRVSVGLILAQLISLNEKD
EEMSTKVYLDLEWTDYRLSWDPAEHDGIDSLRITAESVWLPDVLLNNNDGNFYVALDISVVVSSDGSVR
WQPPGIYRSSCSIQVTYFPFDWQNTMVFSSYSYDSSEVSLQTGLGPDGQGHQEIHIHEGTFIENGQWEI
IHKPSRLIQPPGDPGRGREGQRQEVIFYLIIRKPLFYLVNVIAPCILITLLAIFVFYLPDPAGEKMGSL
IFALLTLTVFLLLLADKVPETSLSVPII IKYLMFTMVLVTFSVILSVVVLNLHHRSPHTHQMPPLWVRQIF
IHKLPLYLRLKRPKPERDLMPEPPHCSSPGSGWGRGTDEYFIRKPPSDFLFPKPNRFQPELSAPDLRRFI
DGNPRAVALLPELREVSSISYIARQLQEEDHDALKEDWQFVAMVVDRLFLWTFIIFTSVGTLVIFLDA
TYHLPPDPFP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000747

ORF Size:

1503 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_000747.2</u>
RefSeq Size:	2437 bp
RefSeq ORF:	1506 bp
Locus ID:	1140
UniProt ID:	<u>P11230</u>
Cytogenetics:	17p13.1
MW:	56.7 kDa