

Product datasheet for **RC205794A1V**

Human CHRM1 (NM_000738) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHRM1 (NM_000738) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRM1
Synonyms:	HM1; M1; M1R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205794 representing NM_000738
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAACACTTCAGCCCCACCTGCTGTCAGCCCCAACATCACCGTCCTGGCACCAGGAAAGGGTCCCTGGC
 AAGTGGCTTCATTGGGATCACACGGGCCTCCTGTCGCTAGCCACAGTGACAGGCAACCTGCTGGTACT
 CATCTCTTTCAAGGTCAACACGGAGCTCAAGACAGTCAATAACTACTTCTGCTGAGCCTGGCCTGTGCT
 GACCTCATCATCGGTACCTTCTCCATGAACCTCTATACCACGTACCTGCTCATGGGCCACTGGGCTCTGG
 GCACGCTGGCTTGTGACCTCTGGCTGGCCCTGGACTATGTGGCCAGCAATGCCTCCGTATGAATCTGCT
 GCTCATCAGCTTTGACCGCTACTTCTCCGTGACTCGGCCCTGAGCTACCGTGCCAAGCGCACACCCCGC
 CGGGCAGCTCTGATGATCGGCCTGGCCTGGCTGGTTTCTTTGTGCTCTGGGCCCCAGCCATCCTCTTCT
 GGCAGTACCTGGTAGGGGAGCGGACAGTGTAGCTGGGAGTGTACATCCAGTTCCTCTCCAGCCCAT
 CATCACCTTTGGCACAGCCATGGCTGCCTTCTACCTCCCTGTCACAGTGTGTGCAGCTCTACTGGCGC
 ATCTACCGGGAGACAGAGAACCAGACGGGAGCTGGCAGCCCTTCAGGGCTCCGAGACGCCAGGCAAAG
 GGGGTGGCAGCAGCAGCTCAGAGAGGTCTCAGCCAGGGGCTGAGGGCTCACCAGAGACTCCTCCAGG
 CCGCTGCTGTCGCTGCTGCCGGGCCCCAGGCTGCTGCAGGCCTACAGCTGGAAGGAAGAAGAGGAAGAG
 GACGAAGGCTCCATGGAGTCCCTCACATCCTCAGAGGGAGAGGAGCCTGGCTCCGAAGTGGTGATCAAGA
 TGCCAATGGTGGACCCCGAGGCACAGGCCCCACCAAGCAGCCCCACGGAGCTCCCCAAATACAGTCAA
 GAGGCCGACTAAGAAAGGGCGTGATCGAGCTGGCAAGGGCCAGAAGCCCCGTGGAAGGAGCAGCTGGCC
 AAGCGGAAGACCTTCTCGCTGGTCAAGGAGAAGAAGGGCGCTCGGACCCTGAGTGCCATCCTCCTGGCCT
 TCATCCTCACCTGGACACCGTACAACATCATGGTGTGGTGTCCACCTTCTGCAAGGACGTGTGTTCCCGA
 GACCTGTGGGAGCTGGGCTACTGGCTGTGCTACGTCAACAGCACCATCAACCCCATGTGCTACGCACTC
 TGCAACAAAGCCTTCCGGGACACCTTTCGCTGCTGCTGCTTTGCCGCTGGGACAAGAGACGCTGGCGCA
 AGATCCCCAAGCGCCTGGCTCCGTGCACCGCACTCCCTCCGCCAATGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNTSAPPVSPNITVLAPGKGPWQVAFIGITGLLSLATVTGNLLVLISFKVNTLKTNNYFLLSLACA
 DLIIGTFSMNLYTTYLLMGHWLGLACDLWLALDYVASNASVMNLLISFDYFVSVTRPLSYRAKRTPR
 RAALMIGLAWLVSFVLWAPAILFWQYLVGERTVLAGQCYIQFLSQPIITFGTAMAAFYLPVTVMCTLYWR
 IYRETNRRARELAALQGSETPGKGGSSSSSERSQPGAEGSPETPPGRCCRCRAPRLQLAYSWEKEEEE
 DEGSMESTSSGEPEGSEVVIKMPMDPEAQAPTKQPPRSPNTVKRPTKKGRDRAGKGQKPRGKEQLA
 KRKTFSLVKEKKAARTLSAILLAFILTWTPYNIMVLVSTFCKDCVPETLWELGYWLCYVNSTINPMCYAL
 CNKAFRDTRFLLLLCRWDKRRWRKIPKRPGSVHRTPSRQC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000738

ORF Size:

1380 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_000738.2</u>
RefSeq Size:	2863 bp
RefSeq ORF:	1383 bp
Locus ID:	1128
UniProt ID:	<u>P11229</u>
Cytogenetics:	11q12.3
MW:	51.2 kDa