

Product datasheet for **RC212436A1V**

Human Muscarinic Acetylcholine Receptor M3 (CHRM3) (NM_000740) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Muscarinic Acetylcholine Receptor M3 (CHRM3) (NM_000740) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRM3
Synonyms:	EGBRS; HM3; PBS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212436 representing NM_000740
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACCTTGACAATAACAGTACAACCTCGCCTTTGTTTCCAACATCAGCTCCTCCTGGATACACAGCC
 CCTCCGATGCAGGGCTGCCCCGGGAACCGTCACTCATTTCGGCAGCTACAATGTTTCTCGAGCAGCTGG
 CAATTTCTCCTCTCCAGACGGTACCACCGATGACCCTCTGGGAGGTACATACCGTCTGGCAAGTGGTCTTC
 ATCGCTTTCTTAACGGGCATCCTGGCCTTGGTGACCATCATCGGCAACATCCTGGTAATTGTGTCAATTA
 AGGTCAACAAGCAGCTGAAGACGGTCAACAACACTTCTCTTAAGCCTGGCCTGTGCCGATCTGATTAT
 CGGGGTCAATTTCAATGAATCTGTTTACGACCTACATCATGAATCGATGGGCCTTAGGGAACCTGGCC
 TGTGACCTCTGGCTTGCCATTGACTACGTAGCCAGCAATGCCTCTGTTATGAATCTTCTGGTCATCAGCT
 TTGACAGATACTTTCCATCACGAGGCCGCTCACGTACCGAGCCAAACGAACAACAAGAGAGCCGGTGT
 GATGATCGGTCTGGCTTGGGTCACTCTCTTTGCTTTGGGCTCTGCCATCTTGTCTGGCAATACTTT
 GTTGAAAGAGAACTGTGCCTCCGGGAGAGTGCTTCATTCAAGTTCCTCAGTGAGCCACCACTTACTTTTG
 GCACAGCCATCGCTGCTTTTTATATGCCTGTCAACCATATGACTATTTTATACTGGAGGATCTATAAGGA
 AACTGAAAAGCGTACCAAAGAGCTTGTGGCCTGCAAGCCTCTGGGACAGAGGCAGAGACAGAAAACCTTT
 GTCCACCCACGGGCAGTTCTCGAAGCTGCAGCAGTTACGAACCTCAACAGCAAAGCATGAAACGCTCCA
 ACAGGAGGAAGTATGGCCGCTGCCACTTCTGGTTCACAACCAAGAGCTGGAAACCCAGCTCCGAGCAGAT
 GGACCAAGACCACAGCAGCAGTGACAGTTGGAACAACATGATGCTGCTGCCTCCCTGGAGAACCTCCGCC
 TCCTCCGACGAGGAGGACATTGGCTCCGAGACGAGAGCCATCTACTCCATCGTGCTCAAGCTTCCGGGTC
 ACAGCAACATCCTCAACTCCACCAAGTTACCCTCATCGGACAACCTGCAGGTGCCTGAGGAGGAGCTGGG
 GATGGTGGACTTGGAGAGGAAAGCCGACAAGCTGCAGGCCAGAAAGAGCGTGGACGATGGAGGCAGTTT
 CCAAAAAGCTTCTCAAGCTTCCATCCAGCTAGAGTCAGCCGTGGACACAGCTAAGACTTCTGACGTCA
 ACTCCTCAGTGGGTAAAGACACGGCCACTCTACCTCTGTCTTCAAGGAAGCCACTCTGGCCAAGAGGTT
 TGCTCTGAAGACCAGAAGTCAGATCACTAAGCGGAAAAGGATGTCCCTGGTCAAGGAGAAGAAAGCGGCC
 CAGACCCTCAGTGCATCTTGTCTGCTTCACTATCACTTGGACCCCATACAACATCATGGTTCTGGTGA
 ACACCTTTTGTGACAGCTGCATACCAAAACCTTTTGAATCTGGGCTACTGGCTGTGCTACATCAACAG
 CACCGTGAACCCGTGTGCTATGCTCTGTGCAACAAAACATTGAGAACCACTTTCAAGATGCTGCTGCTG
 TGCCAGTGTGACAAAAAAGAGGCGCAAGCAGCAGTACCAGCAGAGACAGTCCGTCATTTTCAACAGC
 GCGCACCCGAGCAGGCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTLHNNSTTSPLFPNISSSWIHSPSDAGLPPTVTHFGSYNVSRAAGNFSSPDGTTDDPLGGHTVWQVVF
 IAFLTIGILALVTIIGNILVIVSFKNQKLTVNYYFLLSLACADLIIGVISMNLFTTYIIMNRWALGNLA
 CDLWLAIDYVASNASVMNLLVISFDRYFSITRPLTYRAKRTTKRAGVMIGLAWISFVLWAPILFWQYF
 VGKRTVPPGECFIQFLSEPTITFGTAIAAFYMPVTIMTILYWRIYKETEKRTKELAGLQASGTEAETENF
 VHPTGSSRSCSSYELQQSMKRSNRKYGRCHFWFRTKSWKPSSEQMDQDHSSSDSWNNNDAAASLENSA
 SSDEEDIGSETRAIYSIVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLERKADKLQAQKSVDGGSF
 PKSFSLPIQLESADVDTAKTSDVNSSVGKSTATLPLSFKEATLAKRFALKTRSQITKRKRMSLVKEKAA
 QTL SAILLAFIITWTPYNIMVLVNTFCDSCIPKTFWNLYWLCYINSTVNPVCYALCNKTFRTTFKMLLL
 CQCDKKKRRKQQYQQRQSVIFHKRAPEQAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000740
ORF Size:	1770 bp
Buffer:	PBS with 0.001% Pluronic F6885
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_000740.2</u>
RefSeq Size:	2757 bp
RefSeq ORF:	1773 bp
Locus ID:	1131
UniProt ID:	<u>P20309</u>
Cytogenetics:	1q43
MW:	65.9 kDa