

Product datasheet for **RC214127A1V**

Human Muscarinic Acetylcholine Receptor M4 (CHRM4) (NM_000741) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Muscarinic Acetylcholine Receptor M4 (CHRM4) (NM_000741) AAV Particle
Tag:	Myc-DDK
Symbol:	Muscarinic Acetylcholine Receptor M4
Synonyms:	HM4; M4R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC214127 representing NM_000741
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCAACCTTCACACCTGTCAATGGCAGCTCGGGCAATCAGTCCGTGCGCCTGGTCACGTCATCATCCC
 ACAATCGCTATGAGACGGTGGAAATGGTCTTCATTGCCACAGTGACAGGCTCCCTGAGCCTGGTGACTGT
 CGTGGGCAACATCCTGGTGATGCTGTCCATCAAGGTCAACAGGAGCTGCAGACAGTCAACAACACTTTC
 CTCTTCAGCCTGGCGTGTGCTGATCTCATATAGGCGCCTTCTCCATGAACCTCTACACCGTGTACATCA
 TCAAGGGCTACTGGCCCTGGGCGCGTGGTCTGCGACCTGTGGCTGGCCCTGGACTACGTGGTGAGCAA
 CGCCTCCGTGATGAACCTTCTCATCATCAGCTTTGACCGCTACTTCTGCGTCACCAAGCCTCTCACCTAC
 CCTGCCGGCGCACCACCAAGATGGCAGGCTCATGATTGCTGCTGCCTGGGTACTGTCTTCGTGCTCT
 GGGCGCCTGCCATCTTGTCTGGCAGTTTGTGGTGGTAAGCGGACGGTGGCCGACAACAGTGTTCAT
 CCAATTCTGTCCAACCCAGCAGTGACCTTTGGCAGCCATTGCTGCCTTCTACCTGCCTGTGGTCATC
 ATGACGGTGTGTACATCCACATCTCCCTGGCCAGTCGACGCGAGTCCACAAGCACCGGCCCGAGGGCC
 CGAAGGAGAAGAAAGCAAGACGCTGGCCTTCTCAAGAGCCCACTAATGAAGCAGAGCGTCAAGAAGCC
 CCCGCCCGGGAGGCGCCCGGGAGGAGCTGCGCAATGGCAAGCTGGAGGAGGCCCCCGCCAGCGTTG
 CCACCGCCACCGCGCCCGTGGCTGATAAGGACACTTCCAATGAGTCCAGCTCAGGACAGTCCACCCAGA
 ACACCAAGGAACGCCCAGCCACAGAGCTGTCCACCACAGAGGCCACCACGCCCGCATGCCCGCCCTCC
 CCTGCAGCCGCGGGCCCTCAACCCAGCTCCAGATGGTCCAAGATCCAGATTGTGACGAAGCAGACAGGC
 AATGAGTGTGTACAGCCATTGAGATTGTGCTGCCACGCCGGCTGGCATGCGCCCTGCGGCCAACGTGG
 CCCGCAAGTTCCGACAGATCGCTCGCAACAGGTGCGCAAGAAGCGGCAGATGGCGGCCCGGAGCGCAA
 AGTGACACGAACGATCTTTGCCATTCTGCTAGCCTTCATCCTCACCTGGACGCCCTACAACGTCATGGTC
 CTGGTGAACACCTTCTGCCAGAGCTGCATCCCTGACACGGTGTGGTCCATTGGCTACTGGCTCTGTACG
 TCAACAGCACCATCAACCCTGCCTGCTATGCTCTGTGCAACGCCACCTTTAAAAAGACCTTCCGGCACCT
 GCTGCTGTGCCAGTATCGGAACATCGGCACTGCCAGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214127 representing NM_000741
 Red=Cloning site Green=Tags(s)

MANFTPVNGSSGNQSVRLVTSSSHNRYETVEMVFIATVTGSLSLVTVVGNILVMSIKVNRQLQTVNNYF
 LFSACADLIIGAFSMNLYTVYIIKGYWPLGAVVCDLWLALDYVVSNASVMNLLIISFGRYFCVTKPLTY
 PARRTTKMAGLMIAAAWVLSFVLWAPAILFWQFVVGKRTVPDNQCFIQFLSNPAVTFGTIAAFYLPVVI
 MTVLYIHISLASRSRVHKKRPEGPKEKKAKTLAFLKSPLMKQSVKKPPPGEAAREELRNGKLEEAPPPAL
 PPPRPVADKDTSNSSSGSATQNTKERPADELSTTEATTPAMPAPPLQPRALNPASRWSKIQIVTKQTG
 NECVTAIEIVPATPAGMRPAANVARKFASIARNQVRKKRQMAARERKVTRTIFAILLAFILTWTPYNVMV
 LVNTFCQSCIPDVTWSIGYWLVCYNSTINPACYALCNATFKKTRHLLLCQYRNIGTARTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000741

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_000741.2</u>
RefSeq Size:	1468 bp
RefSeq ORF:	1440 bp
Locus ID:	1132
UniProt ID:	<u>P08173</u>
Cytogenetics:	11p11.2
MW:	52.9 kDa