

Product datasheet for **RC201668A1V**

Human MCM5 (NM_006739) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MCM5 (NM_006739) AAV Particle
Tag:	Myc-DDK
Symbol:	MCM5
Synonyms:	CDC46; MGORS8; P1-CDC46
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide
Sequence:

>RC201668 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGGATTGACGATCCTGGCATTCTACAGCGACAGCTTCGGGGGCGACGCCAGGCCGACGAGG
GGCAGGCCCGCAAATCGCAGCTGCAGAGGCGCTTCAAGGAGTTCTGCGGCAGTACCGAGTGGGCACCGA
CCGCACGGGCTTCACTTCAAATACAGGGATGAAGTCAAGCGGCATTACAACCTGGGGGAGTACTGGATT
GAGGTGGAGATGGAGGATCTGGCCAGCTTTGATGAGGACCTGGCCGACTACTTGTACAAGCAGCCAGCCG
AGCACCTGCAGCTGCTGGAGGAAGCTGCCAAGGAGGTAGCTGATGAGGTGACCCGGCCCCGGCCTTCTGG
GGAGGAGGTGCTCCAGGACATCCAGGTGATGCTCAAGTCGACGCCAGCCCTCCAGCATTCTGATGCTG
AAGTCGGACATGATGTACACCTGGTGAAGATCCCTGGCATCATCATCGCGCCTCTGCGGTCCGTGCCA
AGGCCACCCGATCTCTATCCAGTGCCGAGCTGCCGAAACACCTCACCAACATTGCCATGCGCCCTGG
CCTCGAGGGCTATGCCCTGCCAGGAAGTGCAACACAGATCAGGCTGGGCGCCCCAAATGCCATTGGAC
CCGTACTTCATCATGCCCGACAAATGCAAAATGCGTGGACTTCCAGACCTGAAGCTGCAGGAGCTGCCTG
ATGCAGTCCCCACGGGGAGATGCCAGACACATGCAGCTCTACTGCGACAGGTACCTGTGTGACAAGGT
CGTCCCTGGGAACAGGGTTACCATCATGGGCATCTACTCCATCAAGAAGTTTGGCCTGACCACAGCAGG
GGCCGTGACAGGGTGGGCGTGGGCATCCGAAGCTCCTACATCCGTGTCTGGGCATCCAGGTGGACACAG
ATGGCTCTGGCCGAGCTTTGCTGGGGCCGTGAGCCCCAGGAGGAGGAGGAGTCCGTGCGCTGGCTGC
CCTCCCAAATGTCTATGAGGTGATCTCCAAGAGCATCGCCCCCTCCATCTTTGGGGGCACAGACATGAAG
AAGGCCATTGCCTGCCTGCTCTTTGGGGGCTCCCGAAAGAGGCTCCCTGATGGAAGTACTCGCCGAGGAG
ACATCAACCTGCTGATGCTAGGGGACCTGGGACAGCAAGTCCAGCTTCTGAAGTTTGTGGAGAAGTG
TTCTCCCATTTGGGGTATACACGTCTGGGAAAGGCAGCAGCGCAGCTGGACTGACAGCCTCGGTGATGAGG
GACCCCTTCGTCCCGGAATTTTCATCATGAGGGCGGAGCCATGGTCTGGCCGATGGTGGGGTCTGTGTA
TTGACGAGTTTGACAAGATGCGAGAAGATGACCGTGTGGCAATCCACGAAGCCATGGAGCAGCAGACCAT
CTCTATCGCCAAGGCTGGGATCACCACCACCTGAAGTCCCGCTGCTCCGTCTGGCTGCTGCCAACTCA
GTGTTCCGGCCGCTGGGATGAGACGAAGGGGGAGGACAACATTGACTTCATGCCCAACCATCTTGTGCGCT
TCGACATGATCTTCATCGTCAAGGATGAGCACAATGAGGAGAGGGATGTGATGCTGGCCAAGCATGTCAT
CACTCTGCACGTGAGCGCACTGACACAGACACAGGCTGTGGAGGGCGAGATTGACCTGGCCAAGCTGAAG
AAGTTTATTGCCTACTGCCGAGTGAAATGTGGCCCCGGCTGTGACGAGAGGCTGCAGAGAACTGAAGA
ACCGCTACATCATCATGCGGAGCGGGGCCGTGACGACGAGAGGGACAGTGACCGCCGCTCCAGCATCCC
CATCACTGTGCGGCAGCTGGAGGCCATTGTGCGCATCGCGGAAGCCCTCAGCAAGATGAAGCTGCAGCCC
TTGCCACAGAGGCAGATGTGGAGGAGGCCCTGCGGCTCTTCCAAGTGTCCACGTTGGATGCTGCCTTGT
CCGGTACCCTGTGAGGGGTGGAGGGCTTACCAGCCAGGAGGACCAGGAGATGCTGAGCCGCATCGAGAA
GCAGCTCAAGCGCCGCTTTGCCATTGGCTCCAGGTGTCTGAGCACAGCATCATCAAGGACTTACCAAG
CAGAAATACCCGGAGCAGCCATCCACAAGGTGCTGCAGCTCATGCTGCGGCGCGGCGAGATCCAGCATC
GCATGCAGCGCAAGTTTCTCTACCGCTCAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201668 protein sequence Red=Cloning site Green=Tags(s) MSGFDDPGIFYSDSFGGDAQADEGQARKSQLQRRFKEFLRQYRVGTDRTGFTFKYRDELKRHYNLGEYWI EVEDMEDLASFDEDLADYLYKQPAEHLQLLEAAKEVADEVTRPRPSGEEVLQDIQVMLKSDASPSSIRSL KSDMMSHLVKIPGIIIAASAVRAKATRISIQCRSCRNTLTNIAMRPGLEGYALPRKCNTDQAGRPKCPLD PYFIMPDKCKCVDFQTLKLQELPDAPHGEMPRHMLYCDRYLCDKVVPGNRVTIMGIYSIKKFGLTTSR GRDRVGVGIRSSYIRVLGIQVDTDGSGRSFAGAVSPQEEEEFRRLAALPNVYEVIKSIAPSIFFGGTDMK KAIACLLFGGSRKRLPDGLTRRGDINLLMLGDPGTAKSQLLKFEKCSPIGVYTSKGSSAAGLTASVMR DPSSRNFIEMGGAMVLADGGVVCIDEFDKMREDDRVAIHEAMEQQTISIAKAGITTTLSRCSVLAAANS VFGRWDETKGEDNIDFMPTILSRFDMIFIVKDEHNEERDVMLAKHVITLHVSALTQTQAVEGEIDLAKLK KFIAICRVKCGPRLSAEAAEKLKNRYIIMRSGARQHERDSRRSSIPITVRQLEAIVRIAEALSKMKLQP FATEADVEEALRLFQVSTLDAALSGTSGVEGFTSQEDQEMLSRIEKQLKRRFAIGSQVSEHSIIKDFTK QKYPEHAHVKVLQLMLRRGEIQHRMQRKVLRLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006739
ORF Size:	2202 bp
Buffer:	PBS with 0.001% Pluronic F5213
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_006739.2</u>
RefSeq Size:	2568 bp
RefSeq ORF:	2205 bp
Locus ID:	4174
UniProt ID:	<u>P33992</u>
Cytogenetics:	22q12.3
MW:	82.3 kDa