

Product datasheet for **RC200208A1V**

Human MCM3 (NM_002388) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MCM3 (NM_002388) AAV Particle
Tag:	Myc-DDK
Symbol:	MCM3
Synonyms:	HCC5; P1-MCM3; P1.h; RLFB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC200208 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGGGTACCGTGGTCTGGACGATGTGGAGCTGCGGGAGGCTCAGAGAGATTACCTGGACTTCTGG
ACGACGAGGAAGACCAGGAATTTATCAGAGCAAAGTTCGGGAGCTGATCAGTGACAACCAATACCGGCT
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TTAAGAAGGTTCTGGAGAAGGAGAAGAAACGTAAGAAGCGAAGTGAGGATGAATCAGAGACAGAAGATGA
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CAAGGTGGCCCTCTTGATGTGTTCCGGGAAGCTCATGCGCAGTCAATCGGCATGAATCGCCTCACAGAA
TCCATCAACCGGACAGCGAAGAGCCCTTCTCTTCAGTTGAGATCCAGGCTGCTCTGAGCAAGATGCAGG
ATGACAATCAGGTCATGGTGTCTGAGGGCATCATCTTCTCATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200208 protein sequence Red=Cloning site Green=Tags(s) MAGTVVLDDELREAQRDYLDFLDDEEDQGIYQSKVRELISDNQYRLIVNVNDLRRKNEKRANRLNNAF EELVAFQRAKDFVASIDATYAKQYEEFYVGLSGSKHVSPTLTSCFLSCVVCVEGIVTKCSLVRPK VVRSVHYCPATKKTIERYSDDLTLVAFPSVVYPTKDEENNPLETEYGLSVYKDHQITITIQEMPEKAPA GQLPRSDVILDDDLVDKAKPGDRVQVVGTYRCLPGKKGGYTSGETFRTVLIACNVKQMSKDAQPSFSAED IAKIKKFSKTRSKDIFDQLAKSLAPSIHGHDYVKKAILCLLLGGVERDLENGSHIRGDINILLIGDPSVA KSQLLRYVLCTAPRAIPTTGRGSSGVGLTAAVTTDQETGERRLEAGAMVLADRGVVCIDEFDKMSMDRT AIHEVMEQGRVTIAKAGIHARLNARCSVLAANPVYGRYDQYKTPMENIGLQDSLLSRFDLLFIMLDQMD PEQDREISDHVLRMHRYRAPGEQDGDAMPLGSAVDILATDDPNFSQEDQDQTIYEKHDNLLHGKTKKKE KMVSAAFMMKYIHVAKIIPVLTQESATYIAEEYSRLRSQDSMSSDTARTSPVTARTLETIRLATAHAK ARMSKTVDLQDAEEAVELVQYAYFKKVLKEKKRKRSEDESETEDEEEKSQEDQEQRKRKRKTROPDAK DGDSDYPYDFSDTEEEMPQVHTPKTADSQETKESQKVELSESRLKAFKVALLDVVFREAHQSIGMNLTE SINRDSEEPFSSVEIQAALSKMQDDNQVMVSEGIIFLI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002388
ORF Size:	2424 bp
Buffer:	PBS with 0.001% Pluronic F5026
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_002388.3</u>
RefSeq Size:	3234 bp
RefSeq ORF:	2427 bp
Locus ID:	4172
UniProt ID:	<u>P25205</u>
Cytogenetics:	6p12.2
MW:	91 kDa