

Product datasheet for **MR208329A1V**

Mouse Hmgcs1 (NM_145942) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Hmgcs1 (NM_145942) AAV Particle
Tag:	Myc-DDK
Symbol:	Hmgcs1
Synonyms:	B130032C06Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208329 representing NM_145942
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGGTCACTTCCTTTGAATGCAGAGGCTTGCTGGCCAAAAGATGTGGGAATCGTTGCCCTTGAAA
 TCTACTTTCTTCTCAATATGTCGATCAAGCTGAGTTGGAAAAATACGATGGTGTAGATCTGGAAGTA
 TACCATCGGCCTGGGCCAGGCCAGGATGGGCTTCTGCACGGATCGTGAAGACATCAACTCTCTTTGCCCG
 ACTGTGGTTCAGAACTGATGGAGAGACATAGCCTTCTCTATGATTGCATTGGGCGGCTAGAAGTTGAA
 CAGAGACAATCATCGACAAATCGAAATCAGTGAAGTCTAATTTGATGCAGCTGTTTGAGGAGTCTGGAA
 TACAGATAGAAGGAATAGATACAACCAATGCATGCTATGGGGGCACAGCTGCAGTCTTCAATGCCGTG
 AACTGGTTCGAATCCAGCTCTTGGGATGGACGATATGCTCTGGTAGTTGCAGGAGACATTGCTATATATG
 CCACAGGAAATGCCAGACCTACAGGTGGAGTTGGAGCTGTGGCCCTGCTAATTGGGCCAAACGCTCTCT
 AATTTTGTACCGAGGGCTCCGTGGGACACATGCAGCATGCCTATGACTTTTACAAGCCTGACATGCTC
 TCCGAGTACCCTGTGGTTCGACGAAAGCTCTCCATACAGTGTACCTCAGCGCCCTGGACCGCTGCTATT
 CTGTCTACCGCAAAAAGATCCGTGCCAGTGGCAGAAAGAGGGAAGGATAAAGATTTTACCCTGAATGA
 TTTTGGCTTCATGATCTTTCACTCACCATATTGTAAGTGGTGCAGAAATCTCTAGCTCGGATGTTCTCTG
 AATGACTTTCTTAATGATCAAAACAGAGATAAAACAGTATTTACAGTGGACTGGAAGCCTTTGGGGACG
 TTAAATTAGAAGATACTTACTTTGACAGAGATGTAGAAAAGGCATTTATGAAGGCTAGTTCTGAGCTATT
 CAACGAGAAAACAAAGGCGTCTTTGCTGTGTCTAATCAGAATGGAAATATGTACACATCCTCTGTCTAT
 GGTTCCCTGGCTTCTGTCTGGCACAGTACTCACCTCAGCAGTTGGCAGGGAAGAGGGTTGGAGTGTCT
 CTTACGGTTCTGGCTTGGCTGCCACGCTGTACTCCCTTAAAGTCACACAAGACGCCACACAGGATCTGC
 CTTGATAAAAATAACAGCAAGTTTATGTGACCTTAAATCAAGGCTTGACTCGAGAACTTGTGTGGCACCG
 GATGTCTTTGCTGAAAACATGAAGCTCAGAGAGGACACACATCACTTAGCCAATATATCCCCAGTGTT
 CAATAGACTCACTCTTTGAAGGAACGTGGTATCTGGTCAGAGTGGATGAAAAACAGAGGACTTACGC
 CCGGGCCCCCTTCAAAATGACCACAGTTTGGATGAAGGAATGGGGCTCGTGCATAGTAACACAGCAACA
 GAGCATATTCAGCCCTGCTAAGAAAGTGCCAAGACTCCCTGCAACCTCGGCCGAATCTGAATCAGCTG
 TCATCAGTAACGGGGAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPGSLPLNAEACWPKDVGIVALEIYFPSQYVDQAELEKYDGVDAKTYIGLGQARMGFCTDREDINSLCP
 TVVQKLMEHSLSYDCIGRLEVGTETIIDKSKSVKSNLMQLFEESGNTDIEGIDTTNACYGGTAAVFNAV
 NWVSSSWDGRYALVAGDIAIYATGNARPTGGVGAVALLIGNAPLIFDRGLRGTHMQHAYDFYKPDML
 SEYPVVDGKLSIQCYLSALDRYSVYRKKIRAQWQKEGDKDFTLNDFGFMIFHSPYCKLVQKSLARMFL
 NDFLNDQNRDKNSIYSGLEAFGDVKLEDYFDRDVEKAFMKASSELFNQTKASLLVSNQNGNMYTSSVY
 GSLASVLAQYSPQQLAGKRVGVFSYSGSLAATLYSLKVTQDATPGSALDKITASLCLDKSRLDSRTCVP
 DVFAENMKLREDTHHLANYIPQCSIDSLFEGTWYLVRVDEKHHRTYARRPFTNDHSLDEGMGLVHSNTAT
 EHIPSAPKVPRLPATSAESESAVISNGEH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_145942

ORF Size:

1560 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_145942.2</u>
RefSeq Size:	3577 bp
RefSeq ORF:	1563 bp
Locus ID:	208715
UniProt ID:	<u>Q8JZK9</u>
Cytogenetics:	13
MW:	57.6 kDa