

Product datasheet for **RC228388A1V**

Human HMGCS2 (NM_001166107) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human HMGCS2 (NM_001166107) AAV Particle
Tag: Myc-DDK
Symbol: HMGCS2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC228388 representing NM_001166107
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCGTCTGTTGACTCCAGTGAAGCGCATTCTGCAACTGACAAGAGCGGTGCAGGAAACCTCCCTCA
CACCTGCTCGCCTGCTCCAGTAGCCACCAAAGGTTTTCTACAGCCTCTGCTGTCCCTCGCCAAAAC
AGATACTTGGCCAAAGGACGTGGGCATCTGGCCCTGGAGGTCTACTCCAGCCCAATATGTGGACCA
ACTGACCTGGAGAAGTAAACAATGTGGAAGCAGGAAAGTATACAGTGGGCTTGGCCAGACCCGTATGG
GCTTCTGCTCAGTCCAAGAGGACATCAACTCCCTGTGCCTGACGGTGGTGAACGGCTGATGGAGCGCAT
ACAGCTCCCATGGGACTCTGTGGCAGGCTGGAAGTAGGCACTGAGACCATATTGACAAGTCCAAGCT
GTCAAAACAGTGCTCATGGAACCTTCCAGGATTCAGGCAATACTGATATTGAGGGCATAGATACCACCA
ATGCCTGCTACGGTGGTACTGCCTCCCTCTTCAATGCTGCCAACTGGATGGAGTCCAGTTCCTGGGATGG
GCTGAGGGGAACCCATATGGAGAATGTGTATGACTTCTACAAACCAAAATTTGGCCTCGGAGTACCAATA
GTGGATGGGAAGCTTCCATCCAGTGTACTTGCGGCCTTGGATCGATGTTACACATCATACCGTAAAA
AAATCCAGAATCAGTGAAGCAAGCTGGCAGCGATCGACCCCTCACCCCTTGACGATTTACAGTACATGAT
CTTTCATACACCCTTTTGCAAGATGGTCCAGAAGTCTCTGGCTCGCCTGATGTTCAATGACTTCTGTCA
GCCAGCAGTGACACACAACACAGCTTATATAAGGGGCTGGAGGCTTTTCGGGGGGCTAAAGCTGGAAGACA
CCTACACCAACAAGGACCTGGATAAAGCACTTCTAAAGGCCTCTCAGGACATGTTTCGACAAGAAAACCAA
GGCTTCCCTTTACCTCTCCACTCACAATGGGAACATGTACACCTCATCCCTGTACGGGTGCCTGGCCTCG
CTTCTGTCCCACCACTCTGCCAAGAAGCTGGCTGGCTCCAGGATGGTGCCTTCTCTTATGGCTCTGGTT
TAGCAGCAAGTTTCTTTTCATTTTCGAGTATCCCAGGATGCTGCTCCAGGCTCTCCCTGGACAAGTTGGT
GTCCAGCACATCAGACCTGCCAAAACGCTAGCCTCCCAGAAAGTGTGTCTCCTGAGGAGTTACAGAA
ATAATGAACCAAGAGAGCAATTCTACCATAAGGTGAATTTCTCCCCACCTGGTACACAACAGCCTTT
TCCCAGGTAATGGTACCTGGAGCGAGTGGACGAGCAGCATCGCCGAAAGTATGCCCGCGTCCCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC228388 representing NM_001166107 Red=Cloning site Green=Tags(s)</p> <p>MQRLLTPVKRILQLTRAVQETSLTPARLLPVAHQRFSTASAVPLAKTDTWPKDVGILALEVYFPAQYVDQ TDLEKYNVEAGKYTVGLGQTRMGFCSVQEDINSLCLTVVQRLMERIQLPWDSVGRLEVTETIIDKSKA VKTVLMELFQDSGNTDIEGIDTTNACYGGTASLFNAANWMESSWDGLRGTHMENVYDFYKPNLASEYPI VDGKLSIQCYLRALDRCYTSYRKKIQNQWKQAGSDRPFLLDDLQYMI FHTPFCKMVQKSLARLMFNDFLS ASSDTQTSLYKGLEAFGGLKLEDYTNKDLDKALLKASQDMFDKKTASLYLSTHNGNMYTSSLYGCLAS LLSHSAQELAGSRIGAFSYGSLAASFFSFRVSQDAAPGSPLDKLVSSTSDLPKRLASRKCVSPEEFTE IMNQREQFYHKVNFSPPGDTNSLFPGTWYLERVDEQHRRYARRPV</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001166107
ORF Size:	1398 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_001166107.1, NP_001159579.1</u>
RefSeq ORF:	1401 bp
Locus ID:	3158
UniProt ID:	<u>P54868</u>
Cytogenetics:	1p12
MW:	52.48 kDa