

Product datasheet for **RC208128A1V**

Human HMGCS2 (NM_005518) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HMGCS2 (NM_005518) AAV Particle
Tag:	Myc-DDK
Symbol:	HMGCS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208128 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCAGCGTCTGTTGACTCCAGTGAAGCGCATTCTGCAACTGACAAGAGCGGTGCAGGAAACCTCCCTCA
 CACCTGCTCGCCTGCTCCAGTAGCCACCAAAGGTTTTCTACAGCCTCTGCTGTCCCTGGCCAAAAC
 AGATACTTGCCAAAGGACGTGGGCATCTGGCCTGGAGGTCTACTTCCAGCCCAATATGTGGACCA
 ACTGACCTGGAGAAGTATAACAATGTGGAAGCAGGAAAGTATACAGTGGGCTTGGGCCAGACCCGTATGG
 GCTTCTGCTCAGTCCAAGAGGACATCAACTCCCTGTGCCTGACGGTGGTGAACGGCTGATGGAGCGCAT
 ACAGCTCCCATGGGACTCTGTGGGCAGGCTGGAAGTAGGCACTGAGACCATATTGACAAGTCCAAGCT
 GTCAAAACAGTGTCTATGGAACCTTCCAGGATTCAGGCAATACTGATATTGAGGGCATAGATACCACCA
 ATGCCTGCTACGGTGGTACTGCCTCCCTCTTCAATGCTGCCAACTGGATGGAGTCCAGTTCCTGGGATGG
 TCGTTATGCCATGGTGGTCTGTGGAGACATTGCCGTCTATCCAGTGGTAAATGCTCGTCCACAGGTGGG
 GCCGGAGCTGTGGCTATGCTGATTGGGCCAAGGCCCTCTGGCCTGGAGCGAGGGCTGAGGGGAACCC
 ATATGGAGAATGTGTATGACTTCTACAAACCAATTTGGCCTCGGAGTACCCAATAGTGGATGGGAAGCT
 TTCCATCCAGTCTACTTGGGGCCTTGGATCGATGTTACACATCATACCGTAAAAAATCCAGAATCAG
 TGAAGCAAGCTGGCAGCGATCGACCTTCACCTTGACGATTACAGTACATGATCTTTCATACACCCT
 TTTGCAAGATGGTCCAGAAGTCTCTGGCTCGCCTGATGTTCAATGACTTCCTGTGAGCCAGCAGTGACAC
 ACAACCAGCTTATATAAGGGGCTGGAGGCTTTCGGGGGGCTAAAGCTGGAAGACACCTACCCAACAAG
 GACCTGGATAAAGCACTTCTAAAGGCCTCTCAGGACATGTTGACAAGAAAACCAAGGCTTCCCTTTACC
 TCTCCACTCACAATGGGAACATGTACACCTCATCCCTGTACGGGTGCCTGGCCTCGCTTCTGTCCACCA
 CTCTGCCCAAGAACTGGCTGGCTCCAGGATTGGTGCCTTCTCTTATGGCTCTGGTTTAGCAGCAAGTTTC
 TTTTCATTTTCAGTATCCAGGATGCTGCTCCAGGCTCTCCCCTGGACAAGTTGGTGTCCAGCACATCAG
 ACCTGCCAAAACGCCTAGCCTCCGAAAGTGTGTCTCCTGAGGAGTTCACAGAAATAATGAACCAAAG
 AGAGCAATTCTACCATAAGGTGAATTTCTCCACCTGGTGACACAAACAGCCTTTTCCAGGTACTTGG
 TACCTGGAGCGAGTGGACGAGCAGCATCGCCGAAAGTATGCCCGGCGTCCCGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208128 protein sequence
 Red=Cloning site Green=Tags(s)

MQRLLPVKRILQLTRAVQETSLTPARLLPVAHQRFSTASAVPLAKTDTWPKDVGILALEVYFPAQYVDQ
 TDLEKYNNEAGKYTVGLGQTRMGFCVQEDINSLCLTVVQRLMERIQLPWDSVGRLEVGTETIIDKSKA
 VKTVLMELFQDSGNTDIEGIDTTNACYGGTASLFNAANWMESSWDGRYAMVVCGLIAYVPSGNARPTGG
 AGAVAMLI GPKAPLALERGLRGTHMENVYDFYKPNLASEYPIVDGKLSIQCYLRALDRCYTSYRKKIQNQ
 WKQAGSDRPFITLDDLQYMFHTPFCKMVQKSLARLMFNDFLSASSDTQTSLYKLEAFGLKLEDYTNK
 DLDKALLKASQDMFDDKTKASLYLSTHNGNMYTSSLYGCLASLLSHSAQELAGSRIGAFSYGSLAASF
 FSRVSDAAPGSPLDKLVSSSDLPKRLASRKCVSPEEFTEIMNQREQFYHKVNFSPPGDTNSLFPGTW
 YLERVDEQHRRKYARRPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
 Serotype: AAV-2
 ACCN: NM_005518
 ORF Size: 1524 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_005518.2</u>
RefSeq Size:	2477 bp
RefSeq ORF:	1527 bp
Locus ID:	3158
UniProt ID:	<u>P54868</u>
Cytogenetics:	1p12
MW:	56.6 kDa