

Product datasheet for **RC208306A1V**

Human SARS2 (NM_017827) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SARS2 (NM_017827) AAV Particle
Tag:	Myc-DDK
Symbol:	SARS2
Synonyms:	mtSerRS; SARS; SARSM; SerRS; SerRSmt; SERS; SYS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208306 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCGTCCATGGCGCGCGCTTGTGGCCTTTGCTGACTCGTCGGGGTTCCGGCCCCGGGAGGCT
 GCATCTCCAACGATAGTCCAAGGAGAAGTTTACTACAGAGAAACGAAACCGGAACCTCCTGTACGAGTA
 TGCGCGCGAGGGCTACAGCGCACTCCCTCAGCTGGACATAGAGCGGTTCTGCGCATGCCAGAAGAGGCC
 GCACACGCCCTGGAGCTCCGCAAGGGGGAGCTGCGCTCGGCGGACCTGCCCGCATCATCTCGACATGGC
 AGGAGCTGAGGCAGCTGCAGGAGCAGATCCGGAGCCTGGAGGAAGAGAAGGCAGCTGTGACTGAGGCAGT
 GCGGGCCCTGTGGCAAACCAGGACAGTGGTGAAGTGCAGCAGGACCCCAAGTACCAGGGTCTGCGGGCA
 CGTGGCCGGGAGATCCGGAAGGAGCTTGTTCACCTGTACCCAGGGAGGCCAGCTTGAGGAGCAGTTCT
 ACCTGCAGGCGCTGAAGCTGCCAACCCAGACCCACCCAGACGTGCCCGTGGGGATGAGAGCCAGGCTCG
 AGTGCTCCACATGGTCGGAGACAAGCCAGTTTTCTCCTCCAACCTCGGGGCCACCTGGAATTGGCGAG
 AAACCTGCACATCATCCGTGAGAAGCGCCTGTCCACAGTGTCTGGCCACCGGTCTATTACCTGCGCGGGG
 CTGGAGCCCTCCTGCAGCACGGCCTGGTCAACTTCACATTCAACAAGCTTCTCCGCCGGGGCTTACCCC
 CATGACGGTGCCAGACCTTCTCCGCGGAGCAGTGTGTTGAAGGCTGTGGGATGACACCAAAATGCCAACCA
 TCCCAAATTTACAACATCGACCTTCCCGCTTCAAAGATCTCAACCTGGCTGGAACAGCGGAGGTGGGGC
 TTGACGGTACTTTCATGGACCACCCGTGGCCTTCAGGGACCTGCCAGTCAAGGATGGTTTGTCCAGCAC
 CTGCTACCGGGCAGAGACAAACCGGGACAGGAACCCCGGGGGCTGTATCGAGTACACCATTACCAAG
 GTGGAGATGTTGGGGTGACAGGCCCTGGGCTGGAGCAGAGCTCACAGCTGTGGAGGAGTTCCTGTCCC
 TTCAGATGGAGATCTTGACAGAGCTGGGCTTGCACCTCCGGGTCTGGATATGCCCAACCAAGAAGTGGG
 CCTCCCGCCTACCGCAAGTTTGACATTGAGGCCTGGATGCCAGGCCGAGGCCGCTTTGGAGAGGTCACC
 AGTGCTTCCAACCTGCACAGACTTCCAGAGCCGCGCCTCCACATCATGTTCCAGACCCAGGCTGGGGAGC
 TGCAGTTTGCCATACGGTGAACGCCACCCTGTGCTGTCCCCGCCTTCTCATCGCGCTCTGGAGAG
 TAACCAGCAGAAGGACGGCTCAGTGCTCGTCCCCCTGCCCTCCAGTCTACCTCGGCACTGATCGGATC
 ACAGCCCTACCCAGTGCCTCTCCAGTACATCGGCCCAACCCAGCCCGGAAGCCTGGGCTGCCTGGCC
 AGCCTGCTGTAAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208306 protein sequence
 Red=Cloning site Green=Tags(s)

MAASMARRLWPLLTRRGRFRPGGCI SNDSPPRSFTTEKRNRNLLYEYAREGYSALPQLDIERFCACPEEA
 AHALELRKELRSADLPAIISTWQELRQLQEQRSLSEEEKA AVTEAVRALLANQDSGEVQDPKYQGLRA
 RGREIRKELVHLYPREAQLEEQFYLQALKLPNQTHPDVPVGDSEQARVLHVMGDKPVFSFQPRGHLEIGE
 KLDIIRQKRLSHVSGHRSYYLRGAGALLQHGLVNFTFNKLLRRGFTPMTVPDLLRGAVFEGCGMTPNANP
 SQIYNIIDPARFKDLNLGTAEVGLAGYFMDHTVAFRDLPVRMVCSSCTCYRAETNTGQEPRLYRVHHTK
 VEMFGVTGPGLQSSQLLEEFSLQMEILTELGLHFRVLDMPQTQELGLPAYRKFDIEAWMPGRGRFGEVT
 SASNCTDFQSRRLHIMFQTEAGELQFAHTVNATACAVPRLLIALLESNQQKDGSVLPPALQSYLGTDRIT
 TAPTHVPLQYIGPNQPRKPLPGQPAVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017827

ORF Size:

1554 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_017827.2</u>
RefSeq Size:	2077 bp
RefSeq ORF:	1557 bp
Locus ID:	54938
UniProt ID:	<u>Q9NP81</u>
Cytogenetics:	19q13.2
MW:	58.3 kDa