

Product datasheet for **RC200193A1V**

Human **SCMH1** (NM_001031694) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SCMH1 (NM_001031694) AAV Particle
Tag:	Myc-DDK
Symbol:	SCMH1
Synonyms:	Scml3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200193 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGTTTGTACAGTGTTTTAGCTTGTGAGATTCTCTGGGACCTTCCTGCTCCATCATGGGGTCAC
 CTCTAGGTCATTTTACCTGGGACAAATACCTAAAAGAAACATGTTCAAGTCCCAGCGCCTGTCCATTGCTT
 CAAGCAGTCCTACACACCTCCAAGCAACGAGTTCAAGATCAGTATGAAATTGGAAGCACAGGACCCAGG
 AACACCACATCCACCTGTATTGCCACAGTAGTTGGAAGTACAGGTGCCCGCCTTCGCTGCGCCTTGATG
 GGAGCGACAACAAAAATGACTTCTGGCGGCTGGTTGACTCAGCTGAAATCCAGCCTATTGGGAAGTGTGA
 AAAGAATGGGGGTATGCTACAGCCACCTCTTGGATTTCGGCTGAATGCGTCTTCTTGGCCCATGTTCTT
 TTGAAGACGCTAAATGGAGCAGAGATGGCTCCCATCAGGATTTTCCACAAGGAGCCACCATCGCCTTCCC
 ACAACTTCTTCAAAATGGGAATGAAGCTAGAAGCTGTGGACAGGAAGAACCCTCATTTTCATTTGCCCAGC
 CACTATTGGGGAGGTTCCGGGCTCAGAGGTGCTTGTCACTTTTGTGAGGTGGCGAGGGGCTTTGACTAC
 TGGTGCCGCTTCGACTCCCGAGACATCTTCCCTGTGGGCTGGTGTTCCTTGAAGTGGAGACAACCTGCAGC
 CTCCTGGCACCAAGTTGTGATTCCAAAGAATCCCTATCCTGCCTCCGATGTGAATACTGAGAAGCCAG
 CATCCACAGCAGCACCAAACTGTCTTGAACATCAACCAGGGCAGAGGGGGCGTAAACCAGGAAGAAG
 CGGGGCGGACACCAAGACCCTAATTTCCCATCCCATCTCTGCCCATCCAAGACAGCTGAACCTTTGA
 AATTCACCAAGAAGAGAGGTCCCAAACTGGCAGCAAGAGGAAACCTCGGACTTTGCTGAACCCACCACC
 TGCCTCACCAACAACAGCACTCCTGAACCGGATACCAGCACTGTACCCAGGATGCTGCCACCATCCCC
 AGCTCAGCCATGCAGGCCCCAACAGTTTGTATCTACTTGAACAAGAATGGCAGCACAGGCCCCCACTTAG
 ATAAGAAGAAGTCCAGCAACTCCCTGACCATTTTGGACCAGCCCGTGCCTCTGTGGTGTGACAGCAGGC
 TGTCCAGGCTGTATCGACTGTGCTTATCACCAGAAAACCGTCTTCAGCTTCTCAAGCAAGGCCATGGT
 GGTGAGGTATCTCAGCCGTGTTTGACCGGGAACAGCATACCCTCAACCTCCCAGCAGTCAACAGCATCA
 CCTACGTCTCCGCTTCTGGAGAACTCTGCCACAACCTTCGTAGTGACAATCTGTTTGGCAACCAGCC
 CTTTACACAGACTCACTTGTCACTCACTGCCATAGAGTACAGCCACAGCCACGACAGGTACCTACCAGGT
 GAAACCTTTGTCTGGGAATAGTCTGGCCGCTCCTTGAACCACTCAGACTCAATGGACTCTGCCT
 CAAATCCCACCAACCTTGTGAGCACTCCCAAGGCACCGGCCCTTGCTTTCATCCTGTGGCCTCCCACC
 AAGCACTGCCTCAGCTGTGCGCAGGCTATGCTCCAGGGGAGTGTTAAAGGATCAATGAAAGAAGGGAT
 ATGGAATCATTTTGGAACTAAATCGTTCCCCAGGGTCGGACCGATACCTGGAGAGCCCGATGCCTCTC
 GACTGAGTGGCCGGGACCCCTCCTCATGGACAGTCGAGGATGTGATGCAGTTTGTCCGGGAAGCTGATCC
 TCAGCTTGGACCCACGCTGACCTGTTTCGCAACACGAGATCGATGGCAAGGCCCTGTGCTGTGCGC
 AGTGACATGATGATGAAGTACATGGGCCTGAAGCTGGGCCTGCACTCAAGCTCTCCTACCACATTGACC
 GGCTGAAGCAGGGCAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200193 protein sequence Red=Cloning site Green=Tags(s) MLVCYSVLACEILWDLPCSIMGSPLGHFTWDKYLKETCSVPAPVHCFKQSYTPPSNEFKISMKLEAQDPR NTTSTCIATVVGLTGARLRLDGDNDKDFWRLVDSAEIQPIGNCEKNGGMLQPPLGFRNLNASSWPMFL LKTNGAEMAPIRIFHKEPPSPSHNFFKMGKLEAVDRKNPHFICPATIGEVGSEVLVTFDGRGAFDY WCRFDSRDIFPVGWCSLTGDNLQPPGTVVVPKPNYPASDVNTEKPSIHSSTKTVEHQPGQGRKPGKK RGRTPKTLISHPISAPSKTAEPLKFPKKRGPKPGSKRPRTLLNPPASPTTSTPEPDTSTVPQDAATIP SSAMQAPTVCIIYLNKNGSTGPHLDKKKVQQLPDHFGPARASVVLQQAVQACIDCAHYHQT VFSFLKQGHG GEVISAVFDREQHTLNLPAVNSITYVLRFLLEKLNLRSDNLFNGQPFQTHTLSLTAEYSHSHDRYLP ETFLGNLSLARSLEPHSDSMDASNPNTLVSTQSRHRPLLSSCGLPPSTASAVRRLCSRGLKGSNERRD MESFWKLNRSPPGSDRYLESRDASRLSGRDPSSWTVEDVMQFVREADPQLGPHADLFRKHEIDGKALLLLR SDMMMKYMGKLGPKLKSYPHIDRLKQGKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001031694
ORF Size:	1980 bp
Buffer:	PBS with 0.001% Pluronic F5024
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_001031694.1, NP_001026864.1</u>
RefSeq Size:	3358 bp
RefSeq ORF:	1983 bp
Locus ID:	22955
UniProt ID:	<u>Q96GD3</u>
Cytogenetics:	1p34.2
MW:	73.4 kDa