

Product datasheet for **MR216990A1V**

Mouse Scmh1 (NM_013883) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Scmh1 (NM_013883) AAV Particle
Tag:	Myc-DDK
Symbol:	Scmh1
Synonyms:	AI315320; AI851618; Scml1; Scml3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR216990 representing NM_013883
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGTTTGCTACAGTGTTTTAGCTTGTGAGAGTCTCTGGGACCTTCCTGCTCCATCATGGGGTCAC
 CTCTAGGTCATTTTACCTGGGACAAATACCTAAAAGAAACATGTTCAAGTCCCAGCGCCTGTCCATTGCTT
 CAAGCAGTCTACACACCTCCAAGTAATGAGTTCAAGATCAGCATGAAATTGGAAGCACAGGATCCCAGG
 AACACCACATCCACCTGTATTGCCACGGTCGTTGGATTGACAGGTGCCGACTTCGTCTGCGCCTTGATG
 GCAGTGACAACAAGAATGACTTCTGGAGACTGGTTGACTCCTCTGAAATCCAGCCAATTGGAAACTGTGA
 GAAGAATGGCGGGATGCTGCAGCCCCCTCTAGGATTTCCGGCTGAATGCCTCCTCTTGCCCATGTTCTT
 TTGAAGACACTAAATGGAGCAGAGATGGCTCCCATCAAGATTTTCCATAAGGAGCCACCATCACCTTCCC
 ACAACTCTTTCAAATGGGAATGAAGTTAGAAGCTGTAGACAGAAAGAACCCTCATTTTCATTTGCCCAGC
 CACTATTGGAGAAGTTCGAGGCGCAGAAGTGCTAGTCACCTTTGATGGGTGGCGAGGCGCATTTGACTAC
 TGGTGCCGCTTTGACTCCCGGACATCTTCTGTGGGTGGTGTCTTTGACTGGAGATAACCTGCAGC
 CACCTGGCACCAAGTTGTGATTCCAAAGAATCCGTCCCCTTCATCTGATGTGAGCACTGAGAAGCCAG
 CATCCACAGCACCAAACTGTCTTGAGCATCAGCCAGGGCAGAGGGGCCGAAACCAGGAAAGAAGCGG
 GGCCGAACACCAAGATCCTTATTCCCCATCCCACCTCTACCCCATCCAAGTCAGCTGAACCTTTGAAAT
 TTCCAAAGAAGAGAGGTCCCAAGCCTGGCAGTAAGAGGAAACCTCGGACTTTGCTGAGCCCAACCCAC
 CTCACCAACAACCAGCACCCCTGAACCGGACACCAGCACTGTTCTCAAGATGCTGCCACCGTCCCAAGT
 TCAGCCATGCAGGCCCCACAGTTTGTATCTACTTGAACAAGAGCGGCAGCACGGGCCCCACCTGGATA
 AGAAGAAGATCCAACAACCTCCCTGACCATTTTGGGCCAGCCCGTGCCTCTGTGGTGTGCAGCAGGCTGT
 CCAGGCTTGATTGACTGTGCTTATCACCAGAAAACCTGTCTCAGCTTCCTCAAACAGGGCCACGGCGGT
 GAAGTCATTTACGCCGTGTTTGACCGGAACAGCACACTCTGAACCTCCCAGCAGTCAACAGCATCACCT
 ATGTCTCCGTTTCTGGAGAAGCTCTGCCACAACCTTCAAGTGACAATCTGTTTGGCAACCAGCCCTT
 TACACAGACTCACTTATCACTCACTGCCACAGAGTATAATCACAACCACGACAGGTACCTACCAGGTGAA
 ACCTTTGTCTGGGAATAGCCTGGCCCGGTCTTGAGACACACTCAGACCTGATGGATTCTGCCTTGA
 AGCCTGCCAACCTTGTACGACATCCCAAAACCTTCGGACTCCTGGCTATCGGCCCTTGCTTCCCTCCTG
 TGGCCTCCCATTAAGCACTGTCTGTCTGTGCGTAGGCTCTGCTCTAAGGGAGTGTTAAAGGAAAAAAG
 GAAAGAAGGGATGTGGAGTCATTTTGGAACTAAATCATTCCTCCAGGGTCAGATCGACATCTGGAGAGCC
 GAGATCCCCCTCGCTGAGTGGCCGGGACCCCTCCTCATGGACAGTGGAGGATGTGATGCAGTTTGTCCG
 GGAAGCCGATCCTCAGCTTGGATCCCATGCTGACCTCTTCCGAAAACATGAAATCGATGGCAAGGCCCTG
 CTCCTGCTGCGCAGTGACATGATGATGAAGTACATGGCCTGAAGCTGGGGCCCGCCCTCAAGCTCTCCT
 TTCACATTGACCGGTGAAGCAGGGCAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR216990 representing NM_013883 Red=Cloning site Green=Tags(s) MLVCYSVLACESLWDLPCSIMGSPLGHFTWDKYLKETCSVPAPVHCFKQSYTPPSNEFKISMKLEAQDPR NTTSTCIATVVGLTGARLRLDGSNDKNDFWRLVDSSEIQPIGNCEKNGGMLQPPLGFRNLASSWPMFL LKTNGAEMAPIKIFHKEPPSPSHNFFKMGMKLEAVDRKNPHFICPATIGEVGAEVLVTFDGRGAFDY WCRFDSRDIFPVGWCSLTGDNLQPPGTVVVPKPNPSSSDVSTEKPSIHSTKTVLEHQPGQRGRKPGKKR GRTPKILIPHTSTPSKSAEPLKFPKKRGPSPGSKRKPRTLSPPTSPPTSTPEPDTSTVPQDAATVPS SAMQAPTVCIIYLNKSGSTGPHLDKKKIQQLPDHFPGPARASVVLQAVQACIDCAYHQKTVFSFLKQGHGG EVISAVFDREQHTLNLPAVNSITYVLRFLKLEKLNLRSDNLFNGQPFTQTHLSLTATEYNHNHNDRYLPGE TFVLGNSLARSLETHSDLMDSALKPANLVSTSQNLRTPGYRPLLPSCGLPLSTVSAVRRRLCSKGVKGGK ERRDVESFWKLNHSPGSDRHLESRDPPRLSGRDPSSWTVEDVMQFVREADPQLGSHADLFRKHEIDGKAL LLLRSDDMMKYMGLKLGPAKLKSFHIDRLKQGKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_013883
ORF Size:	1992 bp
Buffer:	PBS with 0.001% Pluronic F2562
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_013883.2, NP_038911.1</u>
RefSeq Size:	3394 bp
RefSeq ORF:	1995 bp
Locus ID:	29871
UniProt ID:	<u>Q8K214</u>
Cytogenetics:	4 56.52 cM
MW:	74.2 kDa