

Product datasheet for **MR219071A1V**

Mouse Sgms1 (NM_001168525) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sgms1 (NM_001168525) AAV Particle
Tag:	Myc-DDK
Symbol:	Sgms1
Synonyms:	9530058O11Rik; AI841905; C80702; Mob; Sms1; Sor1; Tmem23
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR219071 representing NM_001168525 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGTTGTCTGCCAGGACCATGAAGGAAGTGGTTTACTGGTCACCCAAGAAGGTGGCAGACTGGCTGCTGG
AGAATGCTATGCCAGAATACTGTGAGCCTCTGGAGCACTTACAGGCCAGGACTTAATCAACCTAACCCA
AGAGGATTTCAAAAAACCCCACTGTACCGAGTCTCCTCTGACAATGGGCAGCGACTCTTAGACATGATA
GAGACCCTGAAGATGGAGCACCATATGGAAGCACACAAGAATGGCCACGCCAACGGACACCTCAGCATTG
CGCTTGACATTTCCAACCCCGATGGCAGCTTCAGCATCAAGACTAAACCCAACGGAATGCCAAATGGGTT
TAGGAAAGAGATGATCAAGATCCCATGCCAGAACCAGGAGCGCTCCAGTATCCCATGGAGTGGGGCAAG
ACTTTCCTGGCCTTTCTTTATGCACTTTCCTGTTTTGTTCTCACTACAGTGATGATCTCGGTCTGCCATG
AACGAGTACCTCCTAAGGAGGTGCAGCCTCCACTACCGGACACGTTTTTTGACCATTTTAACCGGTGCA
GTGGGCGTTTTCTATTTGCGAAATTAACGGCATGATCCTTGTAGGACTCTGGCTATTTCAAGTGGCTGCTC
TTAAAATACAAGTCTATTATTAGCAGAAGATTTTTCTGCATAGTTGGCACGCTGTACCTGTATCGGTGTA
TTACAATGTATGTAACACTACCTCCAGTACCTGGCATGCATTTCAACTGTTCTCCGAAGCTTTTGGAGA
CTGGGAAGCTCAAGTGGGAGAATAATGAAGCTCATTGCTGGAGTGGCTTATCCATCACAGGCTCGCAC
AACATGTGTGGCGACTATCTGTACAGTGGCCACACGGTCATGCTAACGCTCACCTACCTATTTATCAAAG
AGTATTCTCCTCGGCGCTCTGGTGGTACCCTGGATTGCTGGCTCCTCAGCGTCGTTGGAATCTTCTG
TATTCTTTAGCGCATGACCACTACCTGTGGAGTGGTGGTGGCCTACTACATCACCACAAGACTCTTC
TGGTGGTATCACACGATGGCCAATCAGCAAGTCTTAAGGAAGCCTCCAGATGAACCTCCTGGCCAGGG
TGTGGTGGTACAGGCCATTTCACTTTGAAAAGAATGTCCAAGGAATTGTACCTCGATCTTACCATTG
GCCCTTCCCTGGCCGGTAGTCCACCTTAGTAGGCAAGTTAAATATAGCCGGCTGGTAAACGACACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR219071 representing NM_001168525 Red=Cloning site Green=Tags(s) MLSARTMKEVVYVSPKKVADWLLNAMPEYCEPLEHFTGQDLINLTQEDFKKPLYRVSSDNGQRLLDMI ETLKMEHHMEAHKNGHANGHLSIGVDIPNPDGSFSIKTKPNGMPNGFRKEMIKIPMEPEPERSQYPMEWGK TFLAFLYALSCFVLTVMISVHERVPPKEVQPPLPDTFFDHFNRVQWAFSICEINGMILVGLWLFQWLL LKYSIISRFFCIVGTLYLYRCITMYVTTLVPGMHFNCSPKLFGDWEAQVRRIMKLIAGGGLSITGSH NMGDYLYSGHTVMLTLTYLFIKEYSPRRLWYHWICWLLSVVGIFCILLAHDHVTVDVVVAYYITTRLF WYHTMANQQVLKEASQMNLARVWYRPFQYFEKNVQGIVPRSYHWPFPWPVVHLSRQVKYSRLVNDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001168525
ORF Size:	1260 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_001168525.1</u> , <u>NP_001161997.1</u>
RefSeq Size:	4056 bp
RefSeq ORF:	1260 bp
Locus ID:	208449
UniProt ID:	<u>Q8VCQ6</u>
Cytogenetics:	19 C1
MW:	49.3 kDa