

Product datasheet for **MR217591A1V**

Mouse Sntg1 (NM_027671) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sntg1 (NM_027671) AAV Particle
Tag:	Myc-DDK
Symbol:	Sntg1
Synonyms:	4933426D16Rik; G1SYN; SYN4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR217591 representing NM_027671
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTT**CAGAACTACCTGTGAGGAGACGAAGACAGGTGTTTGCTT**GCTACAAGATGGTAA**TCAGAAC**
 CTTTTAAAGTCCGGTTACACCTTGCCAGAGACCTGTTGATGCTACAGGAGCAGGATGTGCTGTGTGTGTC
 TGGTGAGCCTTTCTATTCTGGTGAAAGAACGGTGACCATCAGAAGACAGACAGTAGGAGGATTCCGATTAA
 AGCATAAAGGGAGGTGCAGAACATAACATCCCGGTTGTCATTTCCAAAATATCTAAGGAGCAAAGAGCAG
 AGCTGTCGGGGCTGCTTTTTATTGGAGATGCAATTCTACAGATAAATGGAATTAATGTGAGGAAATGCAG
 ACATGAGGAGGTGGTTCAGGTTCTTCGGAATGCTGGGGAGGAAGTGACCTGACAGTGTCATTCTTAAAA
 CGAGCACCTGCTTCTCAAACCTCCAGTTAATGAAGACTGTGCATGTGCTCCAAGTGACCAAAGCAGTG
 GTACCTCTCTCTCTTTGTGACAGTGGCTTACACCTCAACTACCATCCAAATAACACAGACACGCTTTC
 CTGCTCTTCGTGGCCACATCTCCAGGCTGAGGTGGGAGAAGCGGTGGTGTGACCTCAGGCTCATTCCC
 CTACTTCATGCCCGCTTCTCTCAGTATGTGCCCGGACTGACCTGAGTCGGCAGAACGCTTTCGAAGTTG
 TTGCTGTGGATGGAGTCTGCAGTGGAATTCTTCAGTGCCTCTCTGCTGAAGACTGCATGGATTGGCTCCA
 AGCAATAGCATCTAACATTTCAAACCTCACAAGCACAATATCAAAAAATCAACAGAAATTTCCCTGTA
 AACCAGCAGATAGTCTACATGGGCTGGTGTGAAGCCCGGGAGCAGGAATCCCTCCAAGACCGTGTGTATA
 CACCTGTGTTTCTTGCCCTGAGGGGCTCCTGTCTTTACAGGTTCTGTACCTCCAGTGACCACTGGGA
 CTGGACTCGAGCAGAGAAAACCTTCTCCGTGTGTGAGATCATGTGCAAGGTTCTCAAGGACAGTGACCTG
 CTGGATCGGCGGAAACATTGCTTCACTATGCAGTCTGAGTGTGGGGAGGACCTCTACTTCTCTGTGGAGC
 TAGAGAGTGACCTTGCCCAATGGGAACGAGCCTTCCAACAGCCACCTTCTTGAAGTGGAGCGCATACA
 GTGCAAGACCTATGCATGTGTGTGGAGAGTCACTTAATGGGCCTCACTATTGACTTCAGCACAGGCTTC
 ATCTGCTTTGACGCAGCAACAAAGGCTGTACTTTGAGGTATAAATTTTCTCAGCTTAAAGGCTCATCAG
 ATGACGGCAAAAGCAAAATCAAATTTCTGTTTCAGAAATCCAGATACGAAACAGATTGAAGCAAAGGAGTT
 GGAATTTTCAAATTTATTTGCTGTTCTTCACTGTATTCACTTATTTTGTGCTGCCAAAGTAGCTTGTGTTG
 GACCTCTGTTTTAGGTAATCAGGCTGCCACTACTGCTGCTGCAGCTCTGCTTCTACAAGCAAGGCAA
 AGCACCTGGCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDFRITCEETKTGVCLLDQGNQEPFKVRLHLARDLLMLQEQDVLVSGEPFYSGERVTVIRRQTVGGFGL
 SIKGGAEHNIIPVVISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVTLTVSFLK
 RAPAFKLKLPVNEDCACAPSDQSSGTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP
 LLHARFSQYVPGDLSRQNAFQVAVDGVCSGILQCLSAEDCMDWLQAIASNISNLTKHNIKKINRNFV
 NQQIVVMGWCEAREQESLQDRVYTPVFLALRGSLYRFLSPPVTTWDWTRAETFSVCEIMCKVLKDSDL
 LDRRKHCFTMQSECGEDLYFSVELESDLAQWERAFTATFLEVERIQCKTYACVLESHLMGLTIDFSTGF
 ICFDAATKAVLWRYKFSQKLGSSDDGSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCISFFAAKVACL
 DPLFLGNQAATTAAVSSASTSKAKHLA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027671

ORF Size:

1551 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_027671.5, NP_081947.2</u>
RefSeq Size:	7267 bp
RefSeq ORF:	1554 bp
Locus ID:	71096
Cytogenetics:	1 A1-A2
MW:	58 kDa