

## Product datasheet for **MR230344A1V**

### Mouse Sntg1 (NM\_001290393) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sntg1 (NM_001290393) 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:**

>MR230344 representing NM\_001290393  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATTT**CAGA**ACTACCTGTGAGGAGACGAAGACAGGTGTTT**GCTT**GCTACAAGATGGTAA**TCAGA**AC  
 CTTTTAAAGTCCGGTTACACCTT**GCCAG**AGACCTGTTGATGCTACAGGAGCAGGATGTGCTGTGTGTGTC  
 TGGTGAGCCTTTCTATTCTGGT**GAAAGA**ACGGTGACCATCAGAAGACAGACAGTAGGAGGATT**CGGATTA**  
 AGCATAAAGGGAGGTGCAGAACATAACATCCCGGTTGTCATTTCCAAAATATCTAAGGAGCAAAGAGCAG  
 AGCTGTCGGGGCTGCTTTTTATTGGAGATGCAATTCTACAGATAAATGGAATTAATGTGAGGAAATGCAG  
 ACATGAGGAGGTGGTTCAGGTTCTTCGGAATGCTGGGGAGGAAGTGACCTGACAGTGTCA**TTCTTAAAA**  
 CGAGCACCTGCTTCTCAA**ACTCCC**AGTTAATGAAGACTGTGCATGTGCTCCAAGTGACCAAAGCAGTG  
 GTACCTCTCTCTCTTTGTGACAGTGGCTTACACCTCAACTACCATCCAATAACACAGACACGCTTTC  
 CTGCTCTTCGTGGCCACATCTCCAGGCTGAGGTGGGAGAAGCGGTGGTGTGACCTCAGGCTCATTCC  
 CTACTTCAATGCCCGCTTCTCTCAGTATGTGCCCGGACTGACCTGAGTCGGCAGAACGCTTTC**CAAGTTG**  
 TTGCTGTGGATGGAGTCTGCAGTGGAA**TTCTT**CAGTGCCTCTCTGCTGAAGACTGCATGGATTGGCTCCA  
 AGCAATAGCATCTAACATTTCAAACCTC**ACAA**AGCACAATATCAAAAAATCAACAGAAATTTCCCTGTA  
 AACCAGCAGATAGTCTACATGGGCTGGTGTGAAGCCCGGGAGCAGGAATCCCTCCAAGACCGTGTGTATA  
 CACCTGTGTTTCTTGCCCTGAGGGGCTCCTGTCTTTACAGGTTCTGTCACTCCAGTGACCACTGGGA  
 CTGGACTCGAGCAGAGAAAACCTTCTCCGTGTGTGAGATCATGTGCAAGGTTCTCAAGGACAGTGACCTG  
 CTGAGATCGGCGGAAACATTGCTTCACTATGCAGTCTGAGTGTGGGGAGGACCTTACTTCTCTGTGGAGC  
 TAGAGATGACCTTGCCCAATGGGAACGAGCCTTCCAACAGCCACCTTCTTGAAGTGGAGCGCATA**CA**  
 GTGCAAGACCTATGCATGTGTGTTGGAGAGTCACTTAATGGGCCTCACTATTGACTT**CAGC**ACAGGCTT**C**  
 ATCTGCTTTGACGCAGCAACAAAGGCTGTACTTTGGAGGTATAAATTTTCTCAGCTTAAAGGCTCATCAG  
 ATGACGGCAAAAGCAAAATCAAATTTCTGTTTCAGAA**TCC**AGATACGAAACAGATTGAAGCAAAGGAGTT  
 GGAATTTTCAAATTTATTTGCTGTTCTTCACTGTATTCA**TTCA**TTTTTTGCTGCCAAAGTAGCTGTTT**G**  
 GACCCTCTGTTTTAGGTAATCAGGCTGCCACTACTGTGCTGT**CAG**CTCTGCTTCTACAAGCAAGGCAA  
 AGCACCTGGCT

**ACGCGT**ACGCGGCGCTCGAGCAGAA**ACTCAT**CTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MDFR**TTCE**ETKTGVCLLQDGNQEPFKVRLHLARDLLMLQEQDVL**CVS**GEPFYS**GERT**VTIRRQ**TVGG**FGL  
 SIKGGA**EHNIP**VVISKISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVTLTVSFLK  
 RAPAFLKLPVNEDCACAPSDQSSGTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP  
 LLHARFSQYVPGTDL**SRQ**NAFQVVAVDGVCSGILQCLSAEDCMDWLQAIASNISNLTKHNIKKINRNFV  
 NQQIVYMGWCEAREQESLQDRVYTPVFLALRGSCLYRFLSPPVTTWDWTRA**EKTF**SVCEIMCKVLKDSDL  
 LDRRKHCFTMQSECGEDLYFSVELESDLAQWERAFQATFLEVERIQCKTYACVLESHLMGLTIDFSTGF  
 ICFDAATKAVLWRYKFSQ**LK**GSDDGKSKIKFLFQNPDTKQIEAKELEFSNLF**FAVL**HC**HS**FFAAK**VACL**  
 DPLFLGNQAATTA**AVSS**ASTSKAKHLA

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001290393

**ORF Size:**

1551 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001290393.1</a></u> , <u><a href="#">NP_001277322.1</a></u>
<b>RefSeq Size:</b>	7213 bp
<b>RefSeq ORF:</b>	1554 bp
<b>Locus ID:</b>	71096
<b>UniProt ID:</b>	<u><a href="#">Q925E1</a></u>
<b>Cytogenetics:</b>	1 A1-A2
<b>MW:</b>	58 kDa