

Product datasheet for **RC211170A1V**

Human **SNTG1 (NM_018967)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SNTG1 (NM_018967) AAV Particle
Tag:	Myc-DDK
Symbol:	SNTG1
Synonyms:	G1SYN; SYN4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211170 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTTTCAGAACCGCCTGTGAGGAGACAAAGACAGGAATTTGTTTGTCTGCAGGATGGTAACCAGGAGC
 CTTTCAAAGTGC GGCTGCACCTAGCCAAAGACATTTTGTATGATCCAGGAACAGGATGTGATATGTGTGTC
 TGGTGAGCCTTTCTATTCTGGTGAAAGAACGGTGACCATCAGAAGACAAACAGTAGGAGGATTTGGATTA
 AGCATAAAGGGAGGAGCAGAACATAACATTCCAGTTGTCGTTTCAAAAATCTCCAAGGAACAAAGAGCGG
 AACTTTTCAGGACTACTTTTTATTGGAGATGCAATTCTACAGATAAATGGCATTATGTGAGAAAAATGTAG
 ACATGAAGAAGTGGTTCAGGTTCTTCGGAATGCTGGAGAAGAAGTGACTCTAACAGTGTCATTTTTAAAA
 AGAGCACCTGCTTCTCAAACCTCCATTGAATGAAGATTGTGCATGTGCTCCAAGTGACCAGAGCAGTG
 GCACCTCTCTCTCTGTGACAGTGGCTTACATCTCAACTACCATCCCAACAATACAGACACATTATC
 ATGCTCGTCGTGGCCGACGTCTCCAGGCTTGAGGTGGGAGAAGCGATGGTGCACCTCAGACTGATCCCT
 CTACTTCATTTCGCGCTTCTCTCAGTATGTGCCCGGCACAGATTTGAGTCGGCAGAATGCCTTTCAAGTCA
 TTGCTGTGGATGGGGTCTGCACTGGGATTATTCAGTGCCTCTCTGCTGAAGACTGCGTTGACTGGCTACA
 AGCAATAGCAACTAACATTTCAAATCTCACAAGCACAAATATTAATAAATCAACAGAACTTTCTGTGA
 AACCAGCAGATTGTCTACATGGGCTGGTGTGAAGCCCGGGAGCAAGACCCCTCCAGGACAGAGTGTACT
 CCCCAGCTTCTGGCCCTGAGGGGCTCATGTCTCTACAAGTTTCTGGCACCTCCAGTGACCACCTGGGA
 CTGGACAAGAGCAGAGAAAACATTCTCAGTTTATGAGATTATGTGCAAGATCCTCAAGGACAGTGACCTG
 CTGGACCGACGGAACAGTGCTTCACCGTGCAGTCTGAGTCTGGGGAGGACCTGTACTTCTCAGTGGAGC
 TGGAAAGTGACCTCGCCAGTGGGAAAGAGCCTTCAGACAGCAACCTTTCTAGAAGTAGAACGGATACA
 GTGCAAGACCTATGCATGTGTGCTAGAAAGTCATCTAATGGGACTCACAAATTGATTTTCAGCACAGGATTT
 ATCTGCTTTGATGCTGCAACAAAGGCTGTCTTTGAGGTATAAATTCTCTCAGCTTAAAGGTTCTTCAG
 ATGATGGCAAGAGCAAAATCAAATTTTTGTTTCAGAAATCCAGATACTAAACAGATTGAAGCAAAGGAGTT
 GGAATTTTCTAATTTATTTGCTGTTCTTCACTGCATTCTTCTTTGCTGCCAAGGTAGCTTGTTTG
 GACCTCTATTTTAGGCAATCAAGCTACTGCTTCTACTGCTGCCAGCTCTGCTACCACGAGCAAAGCAA
 AGTATACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211170 protein sequence
 Red=Cloning site Green=Tags(s)

MDFRACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSGERVTVIRRQTVGGFGL
 SIKGGAEHNIPVVVSKISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVTLTVSFLK
 RAPAFLLPLNEDCACAPSDQSSGTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP
 LLHSRFSQYVPGDLSRQNAFQVIAVDGVCTGIIQCLSAEDCVWLQAIATNISNLTKHNIKKINRNFV
 NQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSLYKFLAPPVTTWDWTRAECTFSVYEIMCKILKDSDL
 LDRRKQCFVQSESGEDLYFSVELESDLAQWERAFTATFLEVERIQCKTYACVLESHLMGLTIDFSTGF
 ICFDAATKAVLWRYKFSQKLGSSDDGSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCIIHSFFAAKVACL
 DPLFLGNQATASTAASSATTSKAKYTT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018967

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_018967.2, NP_061840.1</u>
RefSeq Size:	3398 bp
RefSeq ORF:	1554 bp
Locus ID:	54212
UniProt ID:	<u>Q9NSN8</u>
Cytogenetics:	8q11.21
MW:	58 kDa