

Product datasheet for **RC200619A1V**

Human Spermine synthase (SMS) (NM_004595) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Spermine synthase (SMS) (NM_004595) AAV Particle
Tag:	Myc-DDK
Symbol:	Spermine synthase
Synonyms:	MRSR; SPMSY; SpS; SRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200619 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGCAGCACGGCACAGCACGCTCGACTTCATGCTCGGCGCCAAAGCTGATGGTGAGACCATTTCTAA
AAGGCCTCCAGTCCATTTCCAGGAGCAGGGGATGGCGGAGTCGGTGACACCTGGCAGGACCATGGCTA
TTTAGCAACCTACACAAACAAGAACGGCAGCTTTGCCAATTTGAGAATTTACCCACATGGATTGGTGTTG
CTGGACCTTCAGAGTTATGATGGTGATGCGCAAGGCAAGAAGAGATCGACAGTATTTTGAACAAAGTAG
AGGAAAGAATGAAAGAATTGAGTCAGGACAGTACTGGCGGGTGAAACGATTACCACCCATAGTGGCAGG
AGGAGCCATCGACAGATACTGGCCACCGCCGACGGGCGCTGGTTGAATATGACATAGATGAAGTGGA
TATGACGAAGATTCACCTTATCAAAATATAAAATTCTACACTCGAAGCAGTTTGAAATATTCTCATCC
TtagtgggatgttaatttggcagagagtatttggcatataccggggccatcatgggcagtggcAAAGA
AGATTACACTGGCAAAGATGTAATCTGGGAGGTGGAGACGGAGGCATATTGTGTGAAATAGTCAAA
CTAAACCAAAGATGGTCACTATGGTAGAGATTGACCAATGGTGATTGATGGGTGAAGAAATACATGC
GAAAAACGTGTGGCGATGTCTTAGACAATCTTAAAGGAGACTGCTATCAGTTCTAATAGAAGACTGTAT
CCCGGTACTGAAGAGGTACGCCAAAGAAGGGAGAGAATTTGATTATGTGATTAATGATTTGACAGCTGTT
CCAATCTCCAGTCTCCAGAAGAAGATTCCACATGGGAGTTTCTCAGACTGATTCTTGACCTCTCAATGA
AAGTGTGAAACAGGATGGGAAATATTTTACACAGGGGAAGTGTCAATCTGACAGAAGCACTGTCGCT
CTATGAAGAACAGCTGGGGCGCCTGTATTGTCTGTGGAATTTTCAAAGGAGATCGTCTGTGTCCCTTCA
TACTTGAATGTGGGTATTTTACACTGTTTGAAGAAAGCTAAACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200619 protein sequence Red=Cloning site Green=Tags(s) MAAARHSTLDFMLGAKADGETILKGLQSIHQEQGMAESVHTWQDHGYLATYTNKNGSFANLRIYPHGLVL LDLQSYDGDAGQKEEIDSLNKVEERMKELSQDSTGRVKRLPPIVRGGIDRYWPTADGRLVEYDIDEVV YDEDSYQNIKILHSKQFGNIIILSGDVNLAESDLAYTRAIMGSGKEDYTGKDVILGGDGGILCEIVK LKPMTMTMVEIDQMVIDGCKKYMRTCTGVDLNLKGDCYQVLIEDCIPVLKRYAKEGREFDYVINDLTAV PISTSPEDSTWEFLRLILDLSMKVLKQDGKYFTQGNVCNLTEALSLYEEQLGRLYCPVEFSKEIVCVPS YLELWVFYTVWKKAKP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004595
ORF Size:	1098 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:	NM_004595.2
RefSeq Size:	1868 bp
RefSeq ORF:	1101 bp
Locus ID:	6611
UniProt ID:	P52788
Cytogenetics:	Xp22.11
MW:	41.3 kDa