

## Product datasheet for **RC201761A1V**

### Human Spermidine synthase (SRM) (NM\_003132) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Spermidine synthase (SRM) (NM_003132) AAV Particle
Tag:	Myc-DDK
Symbol:	Spermidine synthase
Synonyms:	PAPT; SPDSY; SPS1; SRML1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201761 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGAGCCCGCCCCGACGGCCCCGCCGCTCCGGCCCCGCCCATCCGCGAGGGCTGGTTCGCGAGA  
CCTGCAGCCTGTGGCCCGCCAGGCCCTGTGCTGCAGGTGGAGCAGCTGCTCCACCACCGGCGCTCGCG  
CTACCAGGACATCCTCGTCTCCGCAGTAAGACCTATGGCAACGTGCTGGTGTGGACGGTGTATCCAG  
TGCACGGAGAGAGACGAGTTCTCCTACCAGGAGATGATCGCCAACCTGCCTCTCTGCAGCCACCCCAAC  
CGCGAAAGGTGCTGATCATCGGGGGCGGAGATGGAGGTGCTCCTGCGGGAGGTGGTGAAGCACCCCTCCGT  
GGAGTCCGTGGTCCAGTGTGAGATCGACGAGGATGTCATCCAAGTCTCCAAGAAGTTCTGCCAGGCATG  
GCCATTGGCTACTCTAGCTCGAAGCTGACCCTACATGTGGGTGACGGTTTTGAGTTCATGAAACAGAATC  
AGGATGCCTTCGACGTGATCATCACTGACTCCTCAGACCCATGGGCCCGCGAAAGTCTCTTCAAGGA  
GTCCTATTACCAGCTCATGAAGACAGCCCTCAAGGAAGATGGTGTCTCTGCTGCCAGGGCGAGTGCCAG  
TGGCTGCACCTGGACCTCATCAAGGAGATGCGGCAGTTCTGCCAGTCCCTGTTCCCGTGGTGGCCTATG  
CCTACTGCACCATCCCCACCTACCCAGCGGCCAGATCGGCTTCATGCTGTGCAGCAAGAACCCGAGCAC  
GAACTTCAGGAGCCGGTGCAGCCGCTGACACAGCAGCAGGTGGCGCAGATGCAGCTGAAGTACTACAAC  
TCCGACGTGCACCGCCGCTTTGTGCTGCCGAGTTTGCCCGCAAGGCCCTGAATGATGTGAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC201761 protein sequence Red=Cloning site Green=Tags(s)  MEPGPDGPAASGPAAIREGWFRETCSLWPGQALSLQVEQLLHRRSRYSYQDILVFRSKTYGNVLVLDGVIQ CTERDEFSYQEMIANLPLCSHPNPRKVLIIIGGGDGGVLRVVKHPSVESVYVQCEIDEDVIQVSKKFLPGM AIGYSSSKLTLHVGDFEFMKQNQDAFDVITDSSDPMGPAESLFKESYYQLMKTALKEDGVLCCQGECC WLHLDLIKEMRQFCQSLFPVVAYAYCTIPTYPSTGQIGFMLCSKNPSTNFQEPVQPLTQQQVAQMQLKYYN SDVHRAAFVLPEFARKALNDVS  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_003132
<b>ORF Size:</b>	906 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>	<a href="#">NM_003132.2</a>
<b>RefSeq Size:</b>	1273 bp
<b>RefSeq ORF:</b>	909 bp
<b>Locus ID:</b>	6723
<b>UniProt ID:</b>	<a href="#">P19623</a>
<b>Cytogenetics:</b>	1p36.22
<b>MW:</b>	33.8 kDa