

## Product datasheet for **RR212683A1V**

### Rat Sem1 (NM\_001126090) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Rat Sem1 (NM\_001126090) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Sem1  
**Synonyms:** Dss1; Shfm1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RR212683 representing NM\_001126090  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCGAGAAGAAGCAGCCTGTCGACTTGGGTCTCCTGGAAGAGGACGACGAGTTCGAGGAGTTCCCG  
CGGAAGACTGGGCCGGCTTAGATGAAGATGAAGATGCACATGTCTGGGAGGATAATTGGGATGATGACAA  
TGTAGAAGACGACTTCTCCAATCAGTTACGCGCTGAGCTGGAGAAGCATGGTTACAAGATGGAGACTTCA  
TGTAGAAGACGACTTCTCCAATCAGTTACGCGCTGAGCTGGAGAAGCATGGTTACAAGATGGAGACTTCA

**ACGCGT**ACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR212683 representing NM\_001126090  
Red=Cloning site Green=Tags(s)

MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAHVWEDNWDDDNVEDDFSNQLRAELKHGYKMETS  
CRRRLQSVTR\*AGEAWLQDGF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Rat  
**Serotype:** AAV-2  
**ACCN:** NM\_001126090  
**ORF Size:** 210 bp  
**Buffer:** PBS with 0.001% Pluronic F68



[View online »](#)

<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>NM_001126090.1</u>
<b>RefSeq Size:</b>	753 bp
<b>RefSeq ORF:</b>	213 bp
<b>Locus ID:</b>	680532
<b>Cytogenetics:</b>	4q21
<b>MW:</b>	8.3 kDa