

## Product datasheet for **RR204623A1V**

### Rat Sdc4 (NM\_012649) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Rat Sdc4 (NM\_012649) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Sdc4  
**Synonyms:** RATRYUDOCA; RYUDOCA  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RR204623 representing NM\_012649  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGGCGCCTGTCTGCCTGTTTGCGCCGCTGCTGCTGTTGCTCCTCGGAGGTTTCCCCGTCGCCCCAGGCG  
 AGTCGATTCGAGAGACTGAGGTCATAGACCCCCAGGACCTCCTGGAAGGCAGATACTTCTCTGGAGCCCT  
 CCCGGACGATGAAGACGCTGGGGCCTTGAGCAGGACTCTGACTTTGAGCTGTCGGGTTCCGGAGATCTA  
 GATGACACGGAGGAGCCAGGACCTTCCCTGAGGTGATTTACCCCTTGGTGCCACTAGATAACCACATCC  
 CCGAGAATGCCAGCCTGGCATCCGTGTCCCCTCAGAGCCCAAGGAAGTGAAGAGAATGAGGTCATTCC  
 CAAAAGGGTCCCCTCCGACGTGGGGGATGACGATGTGTCCAACAAAGTGTCCATGTCCAGCACTTCCCAG  
 GGCAGCAACATTTTTGAAAGAACTGAGGTCTTGGCAGCTCTGATTGTGGCGGCGTAGTGGGCATCCTCT  
 TCGCCGTTTTCTGATCCTGCTGCTGGTGTACCGCATGAAGAAGAAGGATGAAGGCAGTTACGACTTGGG  
 CAAGAAACCCATCTACAAAAAGCCCCACCAACGAGTTCTACGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR204623 representing NM\_012649  
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MAPVCLFAPLLLLLLGGFPVAPGESIRETEVIDPQDLLEGRYFSGALPDEDEDAGGLEQDSDFELSGSGDL  
 DDTEEPRTFPEVISPLVPLDNHIPENAQPGRVPSPEKLEENEVIPKRVPSDVGDDVSNKVSMSSTSQ  
 GSNIFERTEVLAALIVGGVVGILFAVFLILLVYRMKKKDEGSYDLGKKPIYKKAPTNEFYA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Rat



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<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_012649
<b>ORF Size:</b>	606 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_012649.2</a></u> , <u><a href="#">NP_036781.1</a></u>
<b>RefSeq Size:</b>	2488 bp
<b>RefSeq ORF:</b>	609 bp
<b>Locus ID:</b>	24771
<b>UniProt ID:</b>	<u><a href="#">P34901</a></u>
<b>Cytogenetics:</b>	3q42
<b>MW:</b>	22 kDa