

## Product datasheet for **MR201975A1V**

### Mouse Sdc4 (NM\_011521) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Sdc4 (NM\_011521) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Sdc4  
**Synonyms:** AA959608; AW108331; ryudocan; S4; Synd4; syndecan-4  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR201975 representing NM\_011521  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGCCTGCCTGCCTGCTTGCGCCGCTGCTGCTGCTCCTCGGAGGCTTCCCCTTGGTCCCCGGAG  
 AGTCGATTCGAGAGACAGAGGTCATCGACCCCCAGGACCTCCTGGAAGGCAGATACTTCTCTGGAGCCCT  
 CCCCAGCAGCAAGATGCTGGCGGCTCGGATGACTTTGAGCTCTCGGGTTCTGGAGATCTGGATGACACG  
 GAGGAGCCCAGGCCCTTCCCTGAAGTGATTGAGCCCTTGGTCCCACTGGATAACCCACATCCCTGAGAATG  
 CACAGCCTGGCATCCGTGTCCCCTCAGAGCCCAAGGAAGTGAAGAGAATGAGGTCATTCCTAAAAGGGC  
 CCCCTCCGACGTGGGGATGACATGTCCAACAAAGTATCCATGTCCAGCACTGCCAGGGCAGCAACATC  
 TTTGAGAGAAGTGGGCTTGGCAGCTCTGATCGTGGCGGCGTGGTAGGCATCCTCTTTGCCGTTTTCC  
 TGATCCTGCTGCTGGTGTACCGCATGAAGAAGAAGGACGAAGGCAGTTACGACTTGGCAAGAAACCCAT  
 CTACAAAAAGCCCCACCAATGAGTTCTACGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201975 representing NM\_011521  
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MAPACLLAPLLLLLLGGFPLVPGESIRETEVIDPQDLLEGRYFSGALPDEDEDAGGSDDFELSGSGDLDDT  
 EEPRPFPEVIEPLVPLDNHIPPENAPGIRVPSEPKLEENEVIPKRAPSDVGDMSNKMVMSSTAQGSNI  
 FERTEVLAALIVGGVVGILFAVFLILLVYRMKKKDEGSYDLGKKPIYKAPTNEFYA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse



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|                      |   |
|----------------------|---|
| <b>Serotype:</b>     | AAV-2   |
| <b>ACCN:</b>         | NM_011521   |
| <b>ORF Size:</b>     | 594 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_011521.2</a> , <a href="#">NP_035651.1</a>   |
| <b>RefSeq Size:</b>  | 2460 bp   |
| <b>RefSeq ORF:</b>   | 597 bp  |
| <b>Locus ID:</b>     | 20971   |
| <b>UniProt ID:</b>   | <a href="#">O35988</a>  |
| <b>Cytogenetics:</b> | 2 85.16 cM  |
| <b>MW:</b>           | 21.9 kDa  |