

## Product datasheet for **RC223939A1V**

### Human **RCCD1** (NM\_033544) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** RCCD1  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC223939 representing NM\_033544  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAGGAGCGCCGGGGCCTGGTTCGGCTTCGGTTTCTGCGGCTTCGGGCAGGAGCTGGGCTCCG  
GACGCGGGCGCCAGGTGCACAGCCCCAGTCCGCTGCGGGCGGGCGTCGACATCTGCCCGTGAGCGCGAG  
CTGGAGCTACACCGCTTTCGTGACCCGTGGAGGCGCTTGGAGCTGTGGGCTCAGCCAGCGGCGCGGCG  
GGCCGCTGCAAGGACGCGTGGGCCTCGGAGGGGCTCCTCGCGGTGCTGCGCGCCGGGCGGGGCCGGAGG  
CGTTACTGCAGGTCTGGGCGGCCGAATCGGCGCTGCGTGGGAGGCCATTGTGGGCCAGAATGTGGTGCC  
CGAGGCCGAAGGGGAAGACGATCCGGCCGGTGAGGCCAGGCTGGGAGGCTACCCCTGCTGCCCTGCGCC  
CGTGCCCTACGTGAGCCCGCGGGCGCCCTTCTACCGCCTCTGGCTCCGGAGCTGCGGGCACGCCAGCTGG  
AGCTGGGCGCCGAGCACGCGTTGCTGCTGGACGCTGCTGGCCAGGTGTTCTCCTGGGCGGGGGCAGGCA  
TGGACAGCTGGGCCATGGGACCCTGGAGGCAGAGCTGGAGCCACGGCTGTTGGAGGCGTTGCAGGGCCTA  
GTCATGGCTGAGGTGGCCGCGGGGGCTGGCATTCTGTGTGTGAGTGAGACTGGGGATATTTATATCT  
GGGGCTGGAATGAATCAGGGCAGCTGGCCCTGCCACCAGGAACCTGGCAGAGGATGGAGAGCTGTGCG  
AAGGGAAGCCACAGAATGAATGAAGATGGTTCTCAGGTGAAGAGAACGGGTGGGCTGAGGATGGAGCC  
CCTGCCCCCTTCATAGCTGTCCAGCCCTTCCCGCATTACTGGATCTCCCATGGGCTCAGATGCAGTCA  
AGGCCAGCTGTGGATCCCGGCACACAGCTGTGGTGACACGAACAGGGGAGCTCTACACCTGGGGCTGGGG  
TAAATATGGACAGCTGGGCCACGAGGACACCACAGCTTGGATCGGCCTCGCGGTGTGGAATACTTTGTA  
GATAAGCAACTCCAAGTAAAGGCTGTACCTGTGGCCGTGGAACACCTACGTGTATGCTGTGGAGAAAG  
GGAAGAGC

AG**CGGACCG**ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC223939 representing NM_033544</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAEERPGAWFGFGFCGFGQELGSGRGRQVHSPSPLRAGVDICRVASWSYTAFTVTRGGRLELSGSASGAA<br/>GRCKDAWASEGLLAVLRAGPGPEALLQVWAAESALRGEPLWAQNVVPEAEGEDDPAGEAQAGRLPLLPCA<br/>RAYVSPRAPFYRPLAPELRARQLELGAEHALLLDAAGQVFSWGGGRHGQLGHGTLEAELEPRLLEALQGL<br/>VMAEVAAGGWHSVCVSETGDIYIWGWNESGQLALPTRNLAEDGETVAREATELNEDGSQVKRTGGAEDGA<br/>PAPFIAVQPFALLDLPMGSDAVKASCGSRHTAVVTRTGELYTWGWGKYGQLGHEDTTSLDRPRRVEYFV<br/>DKQLQVKAVTCGPWNTYVYAVEKGKS</p> <p>SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | NM_033544                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ORF Size:</b>         | 1128 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>NM_033544.2</u> , <u>NP_291022.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>      | 2774 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 1131 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>         | 91433                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>       | <u>A6NED2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>     | 15q26.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 40.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |