

## Product datasheet for **RC223579A1V**

### Human **RSU1** (NM\_152724) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human RSU1 (NM_152724) AAV Particle                               |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | RSU1                                                              |
| Synonyms:                 | RSP-1                                                             |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC223579 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCCAAGTCTCTGAAGAAGTTGGTGGAGGAGAGCCGGGAGAAGAACCAGCCCCGAGGTGGACATGAGTG  
ACCGGGGCATCTCCAACATGCTGGATGTCAACGGCCTCTTTACCTTATCCCATATCACACAACTGGTCCT  
CAGCCATAACAAGCTAACAATGGTGCCACCGAACATCGCAGAAGTGAAGAATTTGGAGGTGCTCACTTT  
TTTAATAACCAAATCGAGGAGCTGCCCACACAGATCAGTAGCCTTCAGAACTCAAACACCTGAACCTTG  
GCATGAACAGGCTGAACACTTTGCCACGAGGCTTCGGCTCCCTGCCAGCTCTTGAGGTTCTGGACTTGAC  
GTACAACAACTTGAGCGAAAATTCTCTTCTGGAACTTCTTCTACCTGACCACCCTGCGTGCACCTCTAT  
CTAAGTGACAACGATTTTGAAATCCTGCCGCCAGATATTGGGAAGCTCACAAAGTTGCAGATACTCAGCC  
TTAGGGATAACGACCTGATCTCGCTGCCTAAGGAAATCGGGGAGCTTACCCAGCTTAAAGAGCTCCACAT  
TCAGGGGAACCGCCTACCGTTCTGCCCCAGAACTAGGAACTTGGATTTAACTGGCCAGAAGCAGGTA  
TTCAAAGCAGAGAACAATCCCTGGGTGACCCCCATTGCAGACCAGTTCCAGCTTGGCGTGTCCCATGTTT  
TTGAGTATATCCGTTCTGAGACATAAAATACCTCTACGGCAGACACATGCAGGCCAACCCAGAACCCACC  
GAAGAAGAATAATGACAAATCGAAAAAGATCAGCCGGAACCCCTGGCAGCCAAGAACAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC223579 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSKSLKKLVEESREKNQPEVDMSDRGISNMLDVNGLFTLSHITQLVLSHNKLTMVPPNIAELKNLEVLNF<br/>FNNQIEELPTQISSLQKLKHLNLGMNRLNTLPRGFGSLPALEVLDLTYNLSENSLPGNFFYLTLRALY<br/>LSDNDFEILPPDIGKLTQLQILSLRDNDLISLPKEIGELTQLKELHIQGNRLTVLPPELGNLDLTGQKQV<br/>FKAENNPWVTPIADQFQLGVSHVFEYIRSETYKYL YGRHMQANPEPPKKNNDKSKKISRKPLAAKNR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                                |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_152724                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 831 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:        | 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. |
| RefSeq:           | <a href="#">NM_152724.2</a> , <a href="#">NP_689937.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq Size:      | 3657 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 675 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 6251                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">Q15404</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 10p13                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MW:               | 31.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |