

## Product datasheet for **RC201551A1V**

### Human SPOP (NM\_001007229) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human SPOP (NM_001007229) AAV Particle                            |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | SPOP                                                              |
| Synonyms:                 | BTBD32; NEDMACE; NEDMIDF; NSDVS1; NSDVS2; TEF2                    |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC201551 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCAAGGGTTCCAAGTCTCCACCTCCGGCAGAAATGTCGAGTGGCCCCGTAGCTGAGAGTTGGTGCT  
ACACACAGATCAAGGTAGTGAAATTCTCCTACATGTGGACCATCAATAACTTTAGCTTTTGCCGGGAGGA  
AATGGGTGAAGTCATTAAGTTCTACATTTTCATCAGGAGCAAATGATAAAGTAAATGGTGTTCGCA  
GTAAACCCCAAAGGGTTAGATGAAGAAAGCAAAGATTACCTGTCACTTTACCTGTTACTGGTCAGCTGTC  
CAAAGAGTGAAGTTCGGGCAAAATCAAATCTCCATCCTGAATGCCAAGGGAGAAGAAACCAAGCTAT  
GGAGAGTCAACGGGCATATAGGTTTGTGCAAGGCAAAGACTGGGGATTCAAGAAATTCATCCGTAGAGAT  
TTTCTTTTGGATGAGGCCAACGGGCTTCTCCCTGATGACAAGCTTACCTCTTCTGCGAGGTGAGTGTTG  
TGCAAGATTCTGTCAACATTTCTGGCCAGAATACCATGAACATGGTAAAGGTTCTGAGTGCCGGCTGGC  
AGATGAGTTAGGAGGACTGTGGGAGAATCCCGGTTACAGACTGCTGCTTGTGTGTTGCCGGCCAGGAA  
TTCCAGGCTCACAAGGCTATCTAGCAGCTCGTTCTCCGGTTTTAGTGCCATGTTGAACATGAAATGG  
AGGAGAGCAAAAAGAATCGAGTTGAAATCAATGATGTGGAGCCTGAAGTTTTTAAGGAAATGATGTGCTT  
CATTTACACGGGAAGGCTCAAACCTCGACAAATGGCTGATGATTTGCTGGCAGCTGCTGACAAGTAT  
GCCCTGGAGCGCTTAAAGGTCATGTGTGAGGATGCCCTCTGCAGTAACCTGTCCGTGGAGAACGCTGCAG  
AAATTCTCATCCTGGCCGACCTCCACAGTGCAGATCAGTTGAAAACCTCAGGCAGTGGATTTCATCAACTA  
TCATGCTTCGGATGTCTTGGAGACCTCTGGGTGGAAGTCAATGGTGGTGTCACATCCCCACTTGGTGGCT  
GAGGCATACCGCTCTCTGGCTTCAGCACAGTGCCTTTTCTGGGACCCCCACGAAACGCTGAAGCAAT  
CC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC201551 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMWTINNFSCREEMGEVIKSSTFSSGANDKLKWCLR<br/> VNPGLDEESKDYL SL YLLL VSCPKSEVRKFKFSILNAKGEETKAMESQRAYRFVQGDWGFKKFIRRD<br/> FLLDEANGLLPDDKLT L FCEVSVVQDSVNI SGQNTMNMVKVPECRLADEL GGLWENSRTDCCLCVAGQE<br/> FQAHKAILAARSPVFSAMFEHEMEESSKNRVEINDVEPEVFKEMMCFIYTGKAPNLDMADDLLAAADKY<br/> ALERLKMVEDALCSNLSVENAAEILILADLHSADQLKTQAVDFINYHASDVLETSGWKSMMVSHPHLVA<br/> EAYRSLASAQCPFLGPPRKRLKQS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ACCN:</b>             | NM_001007229                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 1122 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_001007229.1</u> , <u>NP_001007230.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq Size:</b>      | 2982 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>       | 1125 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 8405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <u>O43791</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cytogenetics:</b>     | 17q21.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 42.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |