

## Product datasheet for **RC216981A1V**

### Human **OR51V1 (NM\_001004760) AAV Particle**

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human OR51V1 (NM_001004760) AAV Particle                                       |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | OR51V1                                                                         |
| Synonyms:                 | OR11-36; OR51A12                                                               |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC216981 representing NM_001004760.<br>Blue=ORF Red=Cloning site Green=Tag(s) |

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**  
ATGTTTCTCAGTTCAGAATGATTACTTCAGTAAGCCCTAGCACCAGCACGAATTCCTTTCTTCTC  
ACTGGATTTTCTGGCATGGAGCAGCAATACCCCTGGCTTTCCATCCCCTTCTCCTCAATCTATGCCATG  
GTGCTTTTGGGCAATTGCATGGTTCTCCATGTGATATGGACTGAGCCAAGCCTGCACCAGCCTATGTTT  
TACTTCCTGTCCATGCTGGCCCTCACTGACCTGTGCATGGGGCTGTCCACTGTGTACACAGTGCTGGGG  
ATCCTGTGGGGGATCATTGAGAGATCAGCTTGGATTCTGCATTGCCAGTCCTATTTTCATCCATGGT  
CTGTCTTCATGGAGTCCTCTGTCCTCCTCACTATGGCCTTTGACCGGTACATTGCAATTTGCAATCCA  
CTACGTTATTCTCCATCCTGACTAATTCAGAATTATCAAAATTGGGCTCACTATAATAGGTAGGAGT  
TTTTCTTTATTACACCCCCCATCATCTGTCTGAAATTTTTTAATTACTGTCAATTCACATCCTTTCT  
CACTCTTTCTGCCTGCACCAGGATCTTCTCCGCTTAGCCTGTTGAGACATCCGATTCAATAGTTACTAT  
GCCCTGATGCTGGTTATTTGCATACTGTTGTTGGATGCTATACTCATCTTTTCTCCTACATCCTGATT  
CTTAAGTCAGTCCTGGCAGTTGCCTCTCAGGAAGAGAGGCATAAATTATTTGAGACCTGCATCTCCAC  
ATCTGTGCTGCTTGTGTTCTACATCCCTATCATTAGCCTCACAATGGTGCACCGTTTTGGCAAGCAC  
CTTTCCCCCGTGGCCACGTTCTCATTGGCAACATCTACATCCTTTCCACCTTTAATGAATCCCAC  
ATCTACAGTGTCAAGACCAACAGATTCAACCAGAATGCTTAGACTCTTTTCTCTGAAAAGATAT  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC



[View online »](#)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;Peptide sequence encoded by RC216981</p> <p>Blue=ORF Red=Cloning site Green=Tag(s)</p> <p>MFLSSRMITSVSPSTSTNSSFLLTGFSGMEQQYPWLSIPFSSIIYAMVLLGNCMVLHVIWTEPSLHQPMF<br/> YFLSMLALDLCMGLSTVYTVLGILWGIIREISLDSCIAQSYFIHGLSFMESSVLLTMAFDRIYAICNP<br/> LRYSSILTNSRIKIGLTIIGRSFFFITPPIICKFFNYCHFILSHSFCLHQDLLRLACSDIRFNSYY<br/> ALMLVICILLDDAILILFSYILILKSVLAVASQEERHKLFTCISHICAVLVFYIPIISLTMVHRFGKH<br/> LSPVAHVLIIGNIYILFPPLMNPIIYSVKTQQIHTRMLRFLSKRY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | NM_001004760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORF Size:</b>         | 963 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_001004760.1</u> , <u>NP_001004760.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>      | 966 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>       | 966 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>         | 283111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>Q9H2C8</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>     | 11p15.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 36.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |