

## Product datasheet for **RC222880A1V**

### Human **OR51A2 (NM\_001004748) AAV Particle**

#### Product data:

Product Type: AAV Particles  
Product Name: Human OR51A2 (NM\_001004748) AAV Particle  
Tag: Myc-DDK  
Symbol: OR51A2  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC222880 representing NM\_001004748  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCATTATCAACACATCATATGTTGAAATCACCACCTTCTTCTTGGTTGGGATGCCAGGGCTAGAAT  
ATGCACACATCTGGATCTCTATCCCATCTGCAGCATGTATCTTATTGCTATTCTAGGAAATGGCACCAT  
TCTTTTATCATCAAGACAGAGCCCTCCTTGCATGGGCCCATGTACTATTTTCTTCCATGTTGGCTATG  
TCAGACTTGGGTTTGTCTTTATCATCTCTGCCACTGTGTTAAGCATCTTCTGTCAATGCCCTGAAA  
CTTCTTCTAGTGCCTGCTTTGCCAGGAATTCTTCATTCATGGATTCTCAGTACTGGAGTCTCAGTCCCT  
CCTGATCATGTCAATTTGATAGATTCTAGCCATCCACAATCCTCTGAGATACACCTCAATCCTGACAAC  
GTCAGAGTTGCCAAATAGGGATAGTATTCTCCTTTAAGAGCATGCTCCTGGTCTTCCCTTCCCTTTCA  
CTTTAAGAAGCTTGAGATATTGCAAGAAAAACCAATTATCCCATTCTACTGTCTCCACCAGGATGTCAT  
GAAGTTGGCCTGTTCTGACAACAGAATTGATGTTATCTATGGCTTTTTGGAGCACTCTGCCTTATGGTA  
GACTTTATTCTCATTGCTGTGTCTTACACCCTGATCCTCAAGACTGTACCGGAATTGCATCCAAAAAGG  
AGGAGCTTAAGGCTCTCAATACTGTGTTTCACACATCTGTGCAGTGATCATCTTCTACCTGCCATCAT  
CAACCTGGCCGTTGTCCACCGCTTTGCCGGCATGTCTCTCCCCTCATTAAATGTTCTCATGGCAAATGTT  
CTCCTACTTGTACCTCCGCTGATGAAACCAATTGTTTATTGTGTA AAAACTAAACAGATTAGAGTGAGAG  
TTGTAGCAAAATTGTCAATGGAAGATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC222880 representing NM\_001004748  
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MSIINTSYVEITTFVLVGMPLGLEYAHIWISIPICSMYLIAILNGTILFIIKTEPSLHGPMYYFLSMLAM  
 SDLGLSLSLPTVLSIFLFPAPETSSSACFAQEFFIHGFSVLESSVLLIMSFDRFLAIHNPLRYTSILT  
 VRVAQIGIVFVFSKSMMLVLPFPFTLRSLRYCKKNQLSHSYCLHQDVMKLCSDNRIDVIYGGFALCLMV  
 DFILIAVSYTLILKTVPGIASKKEELKALNTCVSHICAVIIFYLPIINLAVVHRFAGHVSPLINVLMAV  
 LLLVPLMKPIVYCVKTKQIRVRVAKLCQWKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_001004748

**ORF Size:** 939 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:** [NM\\_001004748.1](#), [NP\\_001004748.1](#)

**RefSeq Size:** 942 bp

**RefSeq ORF:** 942 bp

**Locus ID:** 401667

**UniProt ID:** [Q8NGJ7](#)

**Cytogenetics:** 11p15.4

**MW:** 34.9 kDa