

## Product datasheet for **RC204808A1V**

### Human MRPL51 (NM\_016497) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human MRPL51 (NM\_016497) AAV Particle  
Tag: Myc-DDK  
Symbol: MRPL51  
Synonyms: bMRP64; CDA09; HSPC241; MRP64  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC204808 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAGGGAACCTCTTATCCGGGGCAGGTAGGCGCCTGTGGGACTGGGTGCCTCTGGCGTGCAGAAGCT  
TCTCTCTTGGTGTGCCTAGATTGATCGGTATAAGGCTCACTCTCCCGCCCCCAAAGTGGTTGATCGTTG  
GAACGAGAAAAAGGGCCATGTTTCGGAGTGTATGACAACATCGGGATCCTGGGAACTTTGAAAAGCACCCC  
AAAGAACTGATCAGGGGGCCCATATGGCTTCGAGTTGGAAAGGAATGAATTGCAACGTTGTATCCGAA  
AGAGGAAAATGGTTGGAAGTAGAATGTTTCGCTGATGACCTGCACAACCTTAATAAACGCATCCGCTATCT  
CTACAAACACTTTAACCGACATGGGAAGTTTCGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC204808 protein sequence  
Red=Cloning site Green=Tags(s)

MAGNLLSGAGRRLWDVPLACRSFSLGVPRLIGIRLTLPKPKVVDWNEKRAMFGVYDNIGILGNFEKHP  
KELIRGPIWLRGWKGNELQRCIRKRMVGSRMFADDLHNLNKRIRLYKHFNHRHGKFR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human  
Serotype: AAV-2  
ACCN: NM\_016497



[View online »](#)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size:     | 384 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:       | <u><a href="#">NM_016497.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 690 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 387 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 51258                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u><a href="#">Q4U2R6</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 12p13.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:           | 15.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |