

## Product datasheet for RC208136A1V

### Human MRPL41 (NM\_032477) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human MRPL41 (NM\_032477) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** MRPL41  
**Synonyms:** BMRP; MRP-L27; MRPL27; PIG3; RPML27  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC208136 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGCGTCCTGGCCGAGCGGCGCGCTGCCTGGTCCGGGTGCGGACCGAATGAGCAAGTGGACGAGCA  
 AGCGGGGCCCGCGCAGCTTCAGGGGCCGCAAGGGCCGGGGCGCCAAGGGCATCGGCTTCCTCACCTCGGG  
 CTGGAGGTTCTGTCAGATCAAGGAGATGGTCCCGGAGTTCGTCGTCCTCGGATCTGACCGGCTTCAAGCTC  
 AAGCCCTACGTGAGCTACCTCGCCCTGAGAGCGAGGAGACGCCCTGACGGCCGCGCAGCTCTTCAGCG  
 AAGCCGTGGCGCTGCCATCGAAAAGGACTTCAAGGACGGTACCTTCGACCCTGACAACCTGAAAAAGTA  
 CGGCTTCGAGCCACACAGGAGGAAAGCTCTCCAGCTCTACCCAGGAACCTCCTGCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC208136 protein sequence  
 Red=Cloning site Green=Tags(s)

MGVLAAAARCLVRGADRMSKWTSKRGPRSFGRGKRGAKGIGFLTSGWRVFQIKEMVPEFVVPDLTGFKL  
 KPYVSYLAPESEETPLTAAQLFSEAVAPAIKDFDKGTFDPDNLEKYGFEPTEQGLFQLYPRNFLR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_032477


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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size:     | 411 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_032477.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 632 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 414 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 64975                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u><a href="#">Q8IXM3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 9q34.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 15.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |