

## Product datasheet for **MR204299A1V**

### Mouse *Cyb5r1* (NM\_028057) AAV Particle

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | AAV Particles   |
| Product Name:             | Mouse <i>Cyb5r1</i> (NM_028057) AAV Particle                      |
| Tag:                      | Myc-DDK   |
| Symbol:                   | <i>Cyb5r1</i>   |
| Synonyms:                 | 1500005G05Rik; B5R.1; C80155; Nqo3a2                              |
| Mammalian Cell Selection: | None  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)  |
| ORF Nucleotide Sequence:  | >MR204299 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGGGATCCAGCCGAGCCCGGTCTTGCTAGCCTCTCTGGGGTGGGGCTGCTTACTCTGCTCGGCCTGGCTCTGGGTACCTACTTGGTTCGAAGATCCCGCCGGCCGAGGTTACTCTCCAGGACCCGGATGAGAAGTACCTGCTGCGATTGCTAGACAAGACGACAGTGAGCCACAACACCAGGAGTTCGCTTTGCCTTGCCACC GCCACCACATCTGGGGCTGCCTGTGGTAAGCACGTCTACCTCTGCCCCGAATTGATGGCAGTCTGGTCATCAGGCCTTACACCCTGTACCAGTGATGAAGACCAAGGCTATGTAGATCTGTGCATCAAGGTTTATCTGAAAGGTGTGCACCCAAATTTCTGAAGGAGGGAAGATGTCTCAATACCTGGATAGCCTGAAGATTGGGGATATGGTGGAGTCCGGGGCCGAGCGGGTGTCTAGTTATGCTGGGAAAGGGAATTTTAATATTCAGCCCAAAAAATCTCCACCTGAACTGCGAGTGGCGAAGAAATGGGAATGATTGCTGGTGGGACAGGAATCACCCCAATGCTGCAGCTGATCCGGGCCATCTTGAAGTCCCTGAAGATCCAACCCAGTGCCTTTCTGCTTTTGGCAACCAGACTGAAAGGGATAAATCCTGCGGGAGGACCTAGAGGAACTTCAAGCCAGTATCTAATCGCTTTAAGCTCTGGTCACTCTGGACTCTCTCCAGAAGACTGGACCTACAGCAAGGGCTTTGTACGGCTGACATGATCCAGGAGCACCTGCCTGCCCCAGCAGAGGATGTGCTGCTGCTGTGGACCA CCACCCATGGTGCAGCTGGCCTGCCACCCTAATTGGATAAGCTGGGCTATTCACAAAAGATGCGATTCACTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | >MR204299 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MGIQPSPVLLASLGVGLLTLGLALGTYLVRRSRPQVTLQDPDEKYLLRLLDKTTVSHNTRRFRFALPT<br>AHHILGLPVGKHVYLSARIDGSLVIRPYTPVTSDEDQGYVDLVIKVYKGVHPKFPEGGKMSQYLDLKI<br>GDMVEFRGPSGLLSYAGKGNFNIQPNKKSPEL RVAKKLGMIAGGTGITPMLQLIRAILKVPEDPTQCFL<br>LFANQTERDIIILREDLEELQAQYPNRFKLWFTLDSPPEDWTYSKGFVTADMIQEHLPAEDVLLLLCGP<br>PPMVQLACHPNLCLKGYSQKMRFTY<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV                                    |
| <b>Species:</b>          | Mouse   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_028057   |
| <b>ORF Size:</b>         | 918 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>           | <a href="#">NM_028057.1</a>   |
| <b>RefSeq Size:</b>      | 1626 bp   |
| <b>RefSeq ORF:</b>       | 918 bp  |
| <b>Locus ID:</b>         | 72017   |
| <b>UniProt ID:</b>       | <a href="#">Q9DB73</a>  |
| <b>Cytogenetics:</b>     | 1 E4  |
| <b>MW:</b>               | 34.1 kDa  |