

## Product datasheet for **MR222072A1V**

### Mouse Vamp4 (NM\_016796) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Vamp4 (NM\_016796) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Vamp4  
**Synonyms:** D1Ert147e; Vamp-4  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR222072 representing NM\_016796  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGCCTCCAAGTTCAAGCGCCACCTAAATGATGATGACGTGACCGGGTCTGTGAAAAGTGAGAGGAGAA  
 ATCTTTTGAAGATGATTCAGATGAAGAAGAGGACTTTTTCTACGGGGACCATCTGGACCAAGATTTGG  
 ACCTAGAAATGATAAAATTAAGCATGTTTCAGAAATCAGGTGGATGAAGTTATTGATGTAATGCAAGAGAAT  
 ATTACAAAGGTAATTGAAAGAGGAGAGAGGCTGGATGAACTACAGGACAAATCAGAAAGCTTATCGGATA  
 ATGCCACCGCTTTCAGCAACAGATCAAACAGCTTCGAAGGCAAATGTGGTGGCGTGGATGCAAAAATAAA  
 AGCCATCATGGCTTTGGCTGCAGCGATCCTTTTGCTAATGATTATCACTCAGATCATCTGCACCTTGAAA  
 AAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR222072 representing NM\_016796  
Red=Cloning site Green=Tags(s)

MPPKFKRHLNDDVDTGSVKSERNLLEDDSDDEEDFFLRGSPGPRFGPRNDKIKHVQNQVDEVIDVMQEN  
 ITKVIERGERLDELQDKSESLSDNATAFNSRSKQLRRQMWWRGCKIKAIMALAAAILLMIITQIILHLK  
 K

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse

**Serotype:** AAV-2



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|                      |   |
|----------------------|---|
| <b>ACCN:</b>         | NM_016796   |
| <b>ORF Size:</b>     | 423 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><a href="#">NM_016796.3</a></u> , <u><a href="#">NP_058076.2</a></u>   |
| <b>RefSeq Size:</b>  | 2532 bp   |
| <b>RefSeq ORF:</b>   | 426 bp  |
| <b>Locus ID:</b>     | 53330   |
| <b>Cytogenetics:</b> | 1 70.29 cM  |
| <b>MW:</b>           | 16.8 kDa  |