

## Product datasheet for **MR201414A1V**

### Mouse Mylpf (NM\_016754) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Mylpf (NM\_016754) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Mylpf  
**Synonyms:** 2410014J02Rik; MLC-2; Mlc2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR201414 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACCCAAGAAGGCCAAGAGAAGGGCAGGAGCGGAAGGGAGCTCCAACGTCTTCTCCATGTTTGACC  
 AGACTCAGATCCAGGAGTTCAAGGAGGCGTTCACTGTAATTGATCAGAACAGGGATGGCATTATCGACAA  
 AGAGGATCTTCGGGACACCTTTGCAGCCATGGGCCGTCTCAATGTGAAGAATGAGGAACTCGACGCTATG  
 ATGAAGGAAGCCAGTGGGCCCATCAACTTCACTGTCTTCTGACCATGTTGGGAAAAGCTTAAGGGTG  
 CGGACCCGGAGGATGTGATCACTGGAGCCTTCAAGGTCCTGGACCCAGAAGGGAAGGGCACCATCAAAA  
 GCAGTTCTTGGAGGAGCTGCTTACCACGCAGTGCAGCCGATTTTCCAGGAGGAGATCAAGAACATGTGG  
 GCAGCCTTCCCCCAGACGTGGGCGGCAACGTGGACTACAAGAACATCTGCTACGTCATCACACATGGTG  
 ATGCTAAGGACCAGGAA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201414 protein sequence  
 Red=Cloning site Green=Tags(s)

MAPKKAKRRAGAEGSSNVFSMFDQTIQEFKEAFTVIDQNRDGIIDKEDLRDTFAAMGRNLNVKNEELDAM  
 MKEASGPINFVFLTMFGEKLGADPEDVITGAFKVLDPGKGTIKKQFLEELLTTQCDRFSQEEIKNMW  
 AAFPPDVGGNVYKNICYVITHGDAKDQE

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse  
**Serotype:** AAV-2


[View online »](#)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_016754                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 507 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_016754.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 755 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 510 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 17907                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u><a href="#">P97457</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 7 F3                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 19 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |