

## Product datasheet for **MR213346A1V**

### Mouse Tmem178 (NM\_026516) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Tmem178 (NM_026516) AAV Particle                                      |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Tmem178                                                                     |
| Synonyms:                 | 2810417M05Rik; Tmem178a                                                     |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR213346 representing NM_026516<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGCCACGGGCGCTCGTCACGGCGCTAAGCCTCGGCCTCAGCCTTTGCTCCCTGGGGCTGCTCGTCA  
CGGCCATCTTCACCGACCACTGGTACGAGACCGACCCCGGCCACAAAGGAGAGCTGCGAGCGCAGCCG  
CGCGGGCGCCGACCCCGGATCAGAAGAACCCTGATGCCGCTGTCGACCTGCCGCTGCGGGACTCG  
CCTCCCTGGGGCGCCGGCTGCTCCCGGGCGCCCGGGCGCTCAGACCCTGAGTCTGGCGCTCGCTTC  
TGGGGCTTGGCGGTTGGACGCTGAGTGTGGCCGGCCACTGTTCCGACCTACTCGGGCCTCTGGAGGAA  
GTGCTACTTTCTGGGCATCGACCGGGACATCGACACCCTCATCCTGAAAGGTATTGCACAGCGATGCACA  
GCAATCAAGTACCACTTTCTCAGCCAATCCGCTTAAGAAACATTCTTTCAATTTAACCAAGACAATCC  
AGCAAGATGAATGGCACCTGCTTCATCTAAGAAGAATAACAGCTGGCTTCCTGGGCATGGCGGTGGCTGT  
CCTGCTGTGTGGCTGCATTGTGGCCACGGTCAGCTTCTTCTGGGAGGAAAGCCTGACCCAGCAGTGGCC  
GGACTCCTATTCTCATGACAGGGATATTTGCACCATCTCGCTCTGCACGTACGCCGCCAGTGTCTCT  
ATGACTTGAACCGGGTCCGAAGCTAATTTACAGCCTGCCTCATGATGTGGAACATGGCTACAGTGGTC  
CATCTTTGTGCTGTGTCAGTTTAGGTTTTATCGTGGCAGCTGGAGGTCTCTGCATCGCTTATCCGTTT  
ATTAGCCGGACGAAGATTGCACATCTAAAGTCTGGCAGGGACTCCACGGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR213346 representing NM_026516</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEPRALVTALSLGLSLCSLGLLVTAIFTDHWYETDPRRHKESCERSRAGADPPDQKNRLMPLSHLPLRDS<br/> PPLGRRLLPGGPGRSDPESWRSLLGLGGLDAECGRPLFATYSGLWRKCYFLGIDRDIDTLILKGIAQRCT<br/> AIKYHFSQPIRLRNIPFNLTKTIQQDEWHLHLRRITAGFLGMAYAVLLCGCIVATVSFFWEESLTQHVA<br/> GLLFLMTGIFCTISLCTYAASVSYDLNRVPKLIYSLPHDVEHGYSWIFCAWCSLGFIVAAGGLCIAYPF<br/> ISRTKIAHLKSGRDSTV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>              |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_026516                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 891 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>NM_026516.2, NP_080792.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 1696 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 894 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 68027                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>       | <u>Q9CZ16</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 17 E3                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>               | 33.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |