

## Product datasheet for **MR229080A1V**

### Mouse Tmem164 (NM\_001199360) AAV Particle

#### Product data:

|                |                                          |
|----------------|------------------------------------------|
| Product Type:  | AAV Particles                            |
| Tag:           | Myc-DDK                                  |
| Symbol:        | Tmem164                                  |
| Synonyms:      | AI316850; AI852450; AW547186; F730011B02 |
| Mammalian Cell | None                                     |
| Selection:     |                                          |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)               |

**ORF Nucleotide Sequence:** >MR229080 representing NM\_001199360  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGTCCCGGTATAGCTACCAAAGTCTCCTGGACTGGCTCTATGGGGCGTCGACCCAGTTTGCAGGCA  
ATGGGGCCCCGACTGTGCTGCCTTCTGTCTTGGCAGCAGCGCTGCTGGAAAGTGTGGTGGTCTGAC  
CCTGGCCCTGTTGGAGATCCTGGTGGCCCTGCGGCACATCCTGAGGCAGAAGGAGGACGGTAGGGGTGGC  
CGTAGCAGCCAGCCACAGCAGGTGACCCAGCGGCCAGAGGAAGGCAAGGAGAGCCTGAGCAAGAATCTGC  
TCTTAGTAGCCCTGTGCCTGATCTTCGGGGTGGAGGTGGGCTTTAAGTTCGCCACCAAGACCGTCATCTA  
CCTGCTCAACCTTGTCACTGGTCACCATGATGCATATCTTCTCCTGGCCTGTCCCCATGTCCGGA  
GCTACCGTCATCTTCAAGTTACAGATGCATGTTGAATGGAGCTCTTCTGGCATTGCTGTTCCCGTGG  
TAAATACCCGGCTGCTCCCTTTGAACTAGAGATTTACTACATCCAGCATGCTATGCTCTACGTGGTCCC  
TGTCTACCTGCTTTGGAAAGGAGGTGCTTACACCCAGAGCCCTCTGCAATTTCCAGTGGGCTCTTCTC  
TCGACTGGCCTCATGTTCTTTTACCACTTCAGCTTCTGCAGATCCTCGGCCTGGTCACCGAAGTGAATT  
TGAACAACATGCTGTGTCGGGCATCTCAGACCCATTCTACGGCCCTGGTATCGCATCTGGGCCTCGGG  
ACACCAAGACTCTCATGACCATGACCCACGGGAAGCTGGTCATCCTGTTCTCATACATGGCTGGGCCCTTG  
TGTAATATCTGCTGGATTGCTCCGGCTTCCAGCCAAGAAAATAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229080 representing NM_001199360</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSRYSYQSLLDWLYGGVDPSFAGNGGPDCAAFLSWQQRLLESVVVLTLLALLEILVALRHILRQKEDGRGG<br/> RSSQPQQVTQRPEEGKESLSKNLLLVALCLIFGVEVGFKFATKTVIYLLNPCHLVMTMMHIFLLACPPCPG<br/> ATVIFKLQMHMLNGALLALLFPVVNTRLLPFELEIYYIQHAMLVYVPVYLLWKGAYTPEPLCNFQWALL<br/> STGLMFFYHFSFLQILGLVTEVNLNNMLCPAISDPFYGPWYRIWASGHQTLMTMTHGKLVILFSYMAGPL<br/> CKYLLDLLRLPAKKID</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>         |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_001199360                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>         | 888 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_001199360.1</a> , <a href="#">NP_001186289.1</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 5373 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 891 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 209497                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <a href="#">Q6PHN7</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | X F2                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>               | 33.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |