

## Product datasheet for MR201678

### Tmem9 (NM\_001160146) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem9 (NM\_001160146) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tmem9  
**Synonyms:** 1500015G18Rik; AW545782  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201678 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCTGCTGTGTTTGGTGGCTGTGGTGGGGTCTTGCTGGTGCCCCAGCTCAAGCCAACAAGAGCT  
 CTGAAGATATCCGGTGCAAATGCATCTGTCCGCTTACAGAAACATCAGCGGGCACATTTACAACCAGAA  
 TGTGTCTCAGAAGGACTGCAACTGCCTGCATGTGGTGGAGCCCATGCCAGTGCCTGGCCACGATGTGGAA  
 GCCTACTGCCTGCTCTGCGAGTGTAGGTACGAGGAGCGTAGCACCACAACCATCAAGGTCATTATTGTCA  
 TCTACCTGTCTGTGGTGGGGCCCTCTACTCTACATGGCCTTCTGATGCTGGTGGACCCGCTCATCCG  
 GAAGCCAGATGCCTATACTGAGCAGCTGCAACAATGAAGAGGAGAATGAGGATGCTCGACCATGGCAACA  
 GCCGCTGCGTCCATTGGAGGACCCCGGCAAACTGTCTGAGCGGGTGAAGGCGCTCAGCAGCGGT  
 GGAAGTGCAGGTGCAGGAGCAGCGGAAGACGGTCTTCGACCGACACAAGATGCTCAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201678 protein sequence  
 Red=Cloning site Green=Tags(s)

MKLLCLVAVGCLLVPPAQANKSSEDIRCKICPPYRNISGHIYNQNVSQKDCNCLHVVEPMPVPGHDVE  
 AYCLLCECRYEERSTTTIKVIIIVYL SVVGALLLYMAFLMLVDPLIRKPDAYTEQLHNEEENEDARTMAT  
 AAASIGPRANTVLERVEGAQQRWKLQVQEQRKTVFDRHKMLS

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_001160146

**ORF Size:** 552 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001160146.1](#), [NP\\_001153618.1](#)

**RefSeq Size:** 1491 bp

**RefSeq ORF:** 552 bp

**Locus ID:** 66241

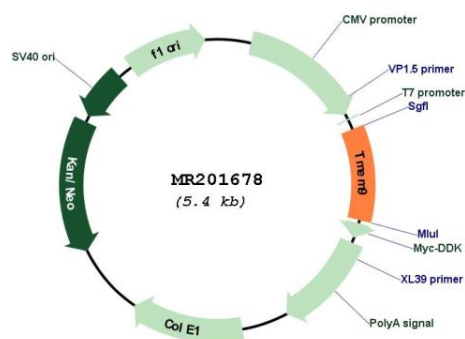
**UniProt ID:** [Q9CR23](#)

**Cytogenetics:** 1 E4

MW: 20.6 kDa

Gene Summary: May be involved in intracellular transport.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR201678