

Product datasheet for RN215660

Tmem98 (NM_001007672) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tmem98 (NM_001007672) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tmem98
 Synonyms: MGC93733
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215660 representing NM_001007672
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGACTGTGGTGATCGTTGCCATAGGTGTGCTGGCCACCATTTTCCTGGCCTCGTTTGCTGCTTTGG
 TGGTGGTCTGTAGGCAGCGCTACTGCCGGCCTCGAGACCTACTGCAGCGCTATGATTCGAAGCCTATTGT
 GGACCTCATTGGTGCTATGGAGACCCAGTCTGAACCTCCGAGTTAGAGCTGGATGATGTTGTCATCACC
 AACCCCCACATCGAGGCCATTCTGGAGAATGAAGACTGGATTGAAGATGCCTCGGGCCTCATGTCCCACT
 GCATCGCCATCTTGAAGATTTGTACACACTGACAGAAAACTGTTGCCATGACAATGGGTTCTGGGGC
 CAAGATGAAGACGTCGGCAAGTGTGACGACATCATCGTGGTGGCCAAACGGATTAGCCCAAGAGTGGAC
 GACGTCGTGAAGTCAATGTACCTCCACTGGACCCCAAGCTCCTGGATGCACGGACAACCGCTCTGCTCC
 TGTCCGTTAGTCACTTGGTGCTAGTGACCAGGAATGCCTGCCACCTCACCGGGGGCCTAGACTGGATCGA
 CCAGTCACTGTCTGCTGCGGAGGAGCACCTGGAAGTCCTCGAGAGGCAGCCCTGGCTTCTGAGCCAGAT
 AAAAGCCTCCCAACCCGAAGGCTTCTGCAGGAACAGTCGGCCATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001007672
 Insert Size: 681 bp



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	<u>NM_001007672.1</u> , <u>NP_001007673.1</u>
RefSeq Size:	1438 bp
RefSeq ORF:	681 bp
Locus ID:	303356
UniProt ID:	<u>Q6AYS5</u>
Cytogenetics:	10q26
Gene Summary:	Functions as a negative regulator of MYRF in oligodendrocyte differentiation and myelination. Interacts with the C-terminal of MYRF inhibiting MYRF self-cleavage and N-fragment nuclear translocation. The secreted form promotes differentiation of T helper 1 cells (Th1). [UniProtKB/Swiss-Prot Function]