

## Product datasheet for **RN207314**

### **Tm9sf4 (NM\_001025649) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tm9sf4 (NM_001025649) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tm9sf4
Synonyms:	MGC116278
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207314 representing NM\_001025649  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCGGATGATTTGGTGGCCGAGGTTCTACTACTTCTCTGTCTAACGTGTAAGGAAGCACCT  
 TCTATGTCCCTGGAGTCGCGCCAATCAACTTCCACCAAAACGACCCAGTAGAGATCAAGGCTGTGAAGCT  
 TACCAGCTCTCGAACCCAGCTTCCCTATGAGTACTATTCAATTGCCCTTCTGCCAGCCCAACAAGATAACC  
 TACAAGGCAGAGAATCTAGGAGAGGTGCTGAGAGGGGACCGGATTGTCAACACCCCTTTCCAAGTTCTCA  
 TGAACAGTGAGAAGAAGTGTGAAGTTCTGTGCGGCCAGTCCAACAAGCCAGTAATCTTGACAGTGGAAACA  
 GAGCCGGCTGGTGGCCGAGCGAATCACAGAAGAGTACTATGTTCACTCATTGCTGACAACCTGCCTGTG  
 GCCACCCGGCTGGAGCTCTACTCCAGCAACCGTGACAGTGATGACAAGAAGAAAGAAAAGACGTGCAGT  
 TTGAACATGGCTACAGACTTGGCTTACGGATGTCAACAAGATCTACCTGCACAATCACCTCTCGTTCAT  
 CCTTTATTACCATCGGGAGGACACGGAAGAGGATCAGGAGCACAGTACCGAGTCGTCGGCTTCGAGGTG  
 ATTCCCCAGAGCATCAGGCTGGAGGACCTCAAAATAGACGAGAAGAGCTCATGTACCCTACCCGAGGGTG  
 CCAACTCCTTACCCCAAGAAATTGACCCCACTAAGGAGAATCAGCTGTACTTCACCTACTCTGTGCACTG  
 GGAGGAAAGTGACATCAAGTGGGCTCTCGATGGGACACTTACCTAACCATGAGTGATGTGCAGATCCAC  
 TGGTTTTCCATCATTAACTCTGTCTGTGGTCTTCTTCTGTGAGGCATCCTCAGCATGATTATCATCC  
 GGACGCTGCGGAAGGACATCGCCAACAACAAGGAGGATGACATTGAAGACACTATGGAGGAGTCTGG  
 GTGGAAGCTTGTGCATGGTGACGCTTTCAGGCCGCCAGTATCCCATGATCCTCAGCTCTCTGTAGGC  
 TCAGGCATTGAGCTTCTTGCATGATCCTGATTGTCATCTTGTGGCCATGCTTGGGATGCTGTGCGCCT  
 CCAGCCGGGAGCGCTCATGACCACAGCCTGCTTCTTCTCATGTTTATGGGGTATTTGGTGGATTTTC  
 TGCTGGCCGCTTACAGAACTCTAAAGGGCCATCGGTGGAAGAAAGGAGCCTTCTGTACAGCGACACTG  
 TATCCTGGCGTGGTTTTTGGCATCTGCTTGTGTTGAATTGCTTCTCATCTGGGAAAGCACTCATAGGAG  
 CGGTACCCTTTCCACCATGGTGGCGTTGCTGTGTATGTGGTTCGGGATCTCCCTGCCCTTGTCTACTT  
 AGGCTACTATTTCCGCTTCCGCAAGCAGCCATATGACAACCCTGTGCGCACAACCAGATTTCCCGGCAG  
 ATCCCTGAGCAACGGTGGTACATGAACCGATTTGTGGGCATCCTCATGGCTGGGATCCTGCCCTTTGGT  
 CCATGTTTATTGAGCTGTTCTTCTCATCTTCACTGCAATCTGGGAGAACCAGTCTATTACCTTTCGGTTT  
 CCTATTCCTGTTTTATCATCTCTGGTGGTATCCTGTTACAGATCAGCATCGTCATGGTGTACTTCCAA  
 CTGTGTGCAGAGGATTACCGCTGGTGGTGGAGAAATTTCTTGTCTCAGGGGATCTGCATTCTACGTCC  
 TGGTTTATGCCATCTTTATTTGTAAACAAGCTGGACATCGTGGAGTTCATCCCTTCTCTCCTCTACTT  
 TGGCTACACCACCTCATGGTCTGTCTTCTGGCTGCTCACAGGGACCATCGGCTTCTATGCGACCTAC  
 ATGTTTGTCCGAAGATCTATGCTGCTGTGAAGATAG**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025649

**Insert Size:** 1932 bp

**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:**

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\\_001025649.1](#), [NP\\_001020820.1](#)

**RefSeq Size:** 2273 bp

**RefSeq ORF:** 1932 bp

**Locus ID:** 296279

**UniProt ID:** [Q4KLL4](#)

**Cytogenetics:** 3q41

**Gene Summary:** Associates with proteins harboring glycine-rich transmembrane domains and ensures their efficient localization to the cell surface.[UniProtKB/Swiss-Prot Function]