

## Product datasheet for **MC220024**

### **Tm9sf4 (NM\_133847) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tm9sf4 (NM_133847) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tm9sf4
Synonyms:	AA986553; AU045326; B930079E06; mKIAA0255
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220024 representing NM\_133847  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGCGGCGATGATTTGGTGGCCAAGTTCCTGCTGTTCTCTGTCTAACATGTAAGGAAGCACCT  
 TCTATGTCCCTGGAGTCGCGCCAATCAATTTCCACCAAAACGACCCAGTAGAGATCAAGGCTGTGAAGCT  
 TACCAGCTCTCGGACCCAGCTTCCCTTACGAGTACTACTCATTGCCCTTCTGCCAGCCCATCAAGATAACC  
 TACAAGGCAGAGAACCTGGGAGAGGTGCTGAGAGGGGACCGGATTGTCAACACCCCTTCCAGGTTCTCA  
 TGAACAGTGAGAAGAAGTGTGAAGTTCTATGCAACCAATCTAACAAGCCAATAACCTTGACAGTGGAAACA  
 GAGCCGGCTGGTGGCCGAGCGAATCACAGAAGAATACTACGTTACCTCATTGCTGACAACCTGCCTGTG  
 GCCACCCGGCTGGAGCTCTACTCCAGCAACCGAGACAGTATGACAAGAAGAAAGAAAAGATGTGCAGT  
 TTGAACATGGCTACCGACTTGGCTTACCGATGTCAACAAGATCTACCTGCACAATCACCTCTATTTCAT  
 CCTTTATTACCACCGGGAGGACATGGAAGAGGACCAGGAGCACACATACCGTGTGCTCCGCTTCGAGGTG  
 ATTCCCCAGAGCATCAGGCTGGAGGACCTCAAAACAGGCGAGAAGAGTTCATGTACCCTACCCGAGGGTG  
 CCAACTCCTTACCCCAAGAAATTGACCCCACTAAGGAGAATCAGCTGTACTTCACCTACTCTGTGCACTG  
 GGAGGAAAGTGACATCAATGGGCTCTCGATGGGACACTTACCTAACCTGAGTGATGTGCAGATCCAC  
 TGGTTTTCCATCATTAACTCTGTGCTGGTGTGCTTCTTCTGTCAGGCATCCTCAGCATGATTATCATCC  
 GGACCTGCGGAAGGACATCGCCAACACAAACAGGAGGATGACATTGAAGACACCATGGAGGAGTCTGG  
 GTGGAAGCTTGTGCATGGTGTGCTTTCAGGCCACCCCAATATCCCATGATCCTCAGCTCTCTGCTGGGC  
 TCAGGCATTGAGCTCTTCTGCATGATCCTGATTGTGATCTTCTGTTGTTGTTGTTGTTGTTGTTGTTGTT  
 CCAGCCGGGAGCTCTCATGACCACTGCCTGCTTCTCTTTCATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT  
 TGCTGGCCGTCTCTACCGAACTCTAAAAGGCCATAGGTGGAAGAAAGGAGCCTTCTGTACAGCGACACTG  
 TATCCTGGTGTGGTTTTTCGGCATCTGCTTGTGTTGAATTGCTTCATCTGGGAAAGCACTCATCAGGAG  
 CAGTACCGTTTTCCACCATGGTGGCGTTGCTGTGTATGTGGTTCGGGATCTCCCTGCCCTTGTCTACTT  
 GGGCTACTATTTTCGGCTTCGCAAGCAGCCATATGACAACCTGTGCGCACAACCCAGATCCCCGGCAG  
 ATCCCTGAACAACGGTGGTACATGAACCGATTGTGGGCATCCTCATGGCTGGGATCCTGCCCTTGGTG  
 CCATGTTCAATTGAGCTGTTCTTTCATCTTCACTGCAATCTGGGAGAACCAGTTCATTACCTTTCGGTTT  
 CCTGTTCTCGTTTTTCATCATCCTGGTGGTGTCTGCTCACAATCAGCATAGTCATGGTGTACTCCAG  
 CTGTGTGCAGAGGATTACCGCTGGTGGTGGAGGAATTTCTTGTCTCAGGGGATCTGCATTCTACGTCC  
 TGGTCTATGCCATCTTTATTTTGTAAACAAGCTGGACATCGTGGAGTTCATCCCTCCCTCCTCTACTT  
 TGGCTACACCACCTCATGGTCTGTCTTCTGGCTGCTCACAGGGACCATCGGCTTCTACGCAGCCTAC  
 ATGTTTGTCCGAAGATATATGCTGCTGTGAAGATAG**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_133847
- 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\\_133847.3](#), [NP\\_598608.2](#)

**RefSeq Size:** 3895 bp

**RefSeq ORF:** 1932 bp

**Locus ID:** 99237

**UniProt ID:** [Q8BH24](#)

**Cytogenetics:** 2 H1

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