

Product datasheet for **MC220259**

Tm9sf2 (NM_080556) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm9sf2 (NM_080556) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tm9sf2
Synonyms:	1500001N15Rik; AA536814; D14Ertd64e; P76
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220259 representing NM_080556
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTCCAGGCCGCCAGCGTCGCCGCCAGCGCAAGGCTCCAGTTGCTGCTGCTGCTGCTGCTCTGC
 TAGGGACGGTCCCAGGCCCGCGCCCGGAAGCGCCTTCTACCTGCCCGCCTGGCGCCGGTCAACTTCTG
 CGCGAAGAGAAGAGCAACGAGTCAAGGCTGATATAGAATTGTTTGTAAACCGCTTGATTGCGTGGAA
 TCTGTTCTTCTTATGAATATACAGCGTTTGACTTTTGCCAAGCGTCAGAAGGAAAACGCCCATCTGAAA
 ATCTTGGTCAGGTATTATTCGGGAAAAGAATTGAACCCTCACCGTATAAGTTTACGTTTAAATAAGAAGGA
 AACCTGTAAGCTCGTTTGTACGAAAACATAACAATACAGAGAAGGCTGAAGACAAAACAAAGTTAGACTTC
 CTGAAAAAAGCATGCTACTGAACATCAGCATCACTGGATTGTGGATAATATGCCTGTCACGTGGTGTCT
 ATGAGGTTGAAGACAGTCAGAAGTCTGTAATCCTGGATTCCCATTGGCTGTTACATTACAGATAAAGG
 CCATGCAAAGGATGCCTGTGTTATCAGTTCAGAATCCACGAGAGAGACACTTTCTACATCTTCAATCAT
 GTTGACATCAAGATATATTATCATGTTGTTGAAACTGGGTCTATGGGAGCAAGATTAGTGCGTCTAAAC
 TTGAACCAAAAAGCTTCAAGCATACCCACATAGATAAACCCAGACTGCTCTGGACCTGCCATGGATATAAG
 CAACAAGGCTTCAGGAGAGATCAAAATTGCCTATACTTATTCTATTAGTTTTGAGGAAGAGAAAAACATC
 AGATGGGCGTCTAGTGGGACTATATTCTGGAGTCTATGCCTCACACCCATATTCAGTGGTTTAGCATAA
 TGAACCTCTTGGTTATTGTCCTCTTCTTATCTGGAATGGTAGCTATGATTATGTTACGCACGCTACATAA
 AGATATTGCCAGATATAACCAGATGGACTCTACGGAAGATGCCAGGAAGAATTTGGCTGGAAACTAGTT
 CATGGGGATATATCCGTCCTCAAGAAAGGGGATGCTGCTGTCTGCTCTCCTAGGATCTGGAACACAGA
 TTTTAATTATGACTTTTGAACCTGTTTTTTGCATGTCTGGATTCTTGTCCTCCCTGCAATCGAGGAGC
 CCTGATGACATGTGCTGTGGTCTGTGGGTGCTACTGGGCACACCTGCTGGCTATGTTGCTGCCAGATTC
 TACAAATCCTTTGGTGGTAAAAGTGAAAACAAATGTTTTATTGACATCATTTCTTTGTCTGGGATTG
 TGTTTGTGACTTCTTTATCATGAATCTAATCCTCTGGGAGAAGGCTCTTCAGCAGCCATTCTTTTGG
 CACTCTGGTTGCCATCTTGGCCCTCTGGTTCTGCATATCTGTGCCTTTGACGTTTATTGGTGCATACTTT
 GGCTTTAAGAAGAATGCCATTGAACACCCAGTTCGAACCAATCAGATCCCTCGTCAGATTCTGAGCAGT
 CGTTCTACACAAAGCCTTTGCCTGGCATCATCATGGGGGCATTTTGCCTTTGGCTGCATCTTTATACA
 GCTTTTCTTCATTCTGAATAGCATTGGTCCCACCAGATGATTACATGTTTGGTTTCTGTTTCTGGTG
 TTTATCATTTTGGTTATTACCTGTTCCGAAGCAACTATACTTCTTTGCTACTTTACCTATGTGCAGAGG
 ATTACCATTGGCAGTGGGTTCCCTTCTTACCAGCGGCTTACAGCTGTTTACTTCTGATATACGCCAT
 ACACTACTTCTTCTCAAAGTGCAGATCAGGGGACAGCAAGTACAATCCTGTACTTCGGTTATACTATG
 ATAATGGTTTTGATCTTCTTCTTTTACAGGAACAATTGGCTTCTTTCATGCTTTTGGTTTGTACCA
 AAATATACAGTGTGGTAAAAGTGGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_080556
- Insert Size:** 1989 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_080556.3](#), [NP_542123.3](#)

RefSeq Size: 3062 bp

RefSeq ORF: 1989 bp

Locus ID: 68059

UniProt ID: [P58021](#)

Cytogenetics: 14 65.86 cM

Gene Summary: In the intracellular compartments, may function as a channel or small molecule transporter. [UniProtKB/Swiss-Prot Function]