

## Product datasheet for **SC325789**

### TM6SF1 (NM\_001144903) Human Untagged Clone

#### Product data:

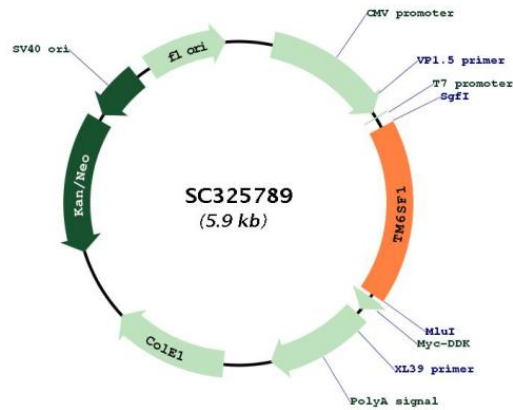
**Product Type:** Expression Plasmids  
**Product Name:** TM6SF1 (NM\_001144903) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TM6SF1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC325789 representing NM\_001144903.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTGCCTCTGCGGCCACCGGGTCTTCGTGCTGTCCCTCTCGGCCATCCCGGTCACCTATGTCTTC
AACCACCTGGCGGCCAGCATGATTCCTGGACTATTGTAGGGTGTGTCCTCATCCTGTTCTCGGTA
GCACTGCTGGCTCGTGTCTCGTCAAAAGAAAACCACCCGGGACCCACTGTTCTATGTGTATGCAGTT
TTTGGATTTACCAGCGTGGTGAACCTCATCATAGGACTGGAGCAAGATGGAATCATTGACGGGTTTCATG
ACACACTACTTGAGAGAGGGTGAACCGTATCTGAACACCGCATATGGGCACATGATCTGCTACTGGGAT
GGCTCTGCTCATTATCTGATGTACCTGGTGTGAGTGGTGGCAGCCATAGCATGGGAGGAACTTATAGAACC
ATTGGCCTATATTGGGTTGGATCTATTATTATGAGTGTTGTTTGTGTCAGGAAACATTGTAGGG
AAGTATGGAACACGAATTTGCCCTGCTTTTTTCTAAGCATACCATATACTTGTCTTCTGTCTGGGCT
GGTTTCAGAACTATAATCAGCCATCAGAAAATTATAATTACCCCTCAAAGGTTATTCAAGAAGCCCAA
GCGAAAGACCTGCTGAGAAGACCATTTGATTTAATGTTGGTGTGTGCTCCTCCTGGCAACTGGATTT
TGCCTGTTTACAGAGTTTGTGCTGGCATATATGTTCTATTCTGTTCTTACTTTGTGACTGCACTGTAT
GGCTTAGTGGTTCCTGGATGTTCTGGATGCCTGACATCATTGATACATGCTGGAGGTTCTGGCTCAG
GCTCAGTTTTCTCACATTGGTGCATCTCTCATGCTAGAAGTCTTATGTCTACAGAGTCCCTGAAGAA
GCAAAAATCCTTTTTTTAGCATTAAACATAGCATATGGAGTTCCTCCTCAGCTCTTGGCCTATCGTTGT
ATCTACAACAGAGTTCCTCATAAAAACAAGGCAGAGAAAGTGGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001144903

**Insert Size:** 1020 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001144903.1](#)

**RefSeq Size:** 1816 bp

**RefSeq ORF:** 1020 bp

Locus ID:	53346
UniProt ID:	<a href="#">Q9BZW5</a>
Cytogenetics:	15q25.2
Protein Families:	Transmembrane
MW:	38 kDa
Gene Summary:	May function as sterol isomerase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame segment, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1.