

Product datasheet for **MC226746**

Tm6sf1 (NM_001291282) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tm6sf1 (NM_001291282) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tm6sf1
Synonyms: A1428514; BC023123; C630016D09Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226746 representing NM_001291282
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGCACTACTTGAGAGAGGGTGAACCGTATCTGAACACGGCCTATGGGCACATGATCTGCTACTGGG
ATGGCTCTGTTACCTGATGTACCTAGTGATGGTGGCCGATAGCCTGGGAGGAAAGCTACAGAAC
CATTGGCCTATACTGGTCCGATCCATTATAATGAGCATCGTGGTTTTGTGCCTGGAAACATCGTAGGA
AAGTATGGGACACGGATTTGCCCTGCATTTTTCTTAAGCATACCATATACATGTCTCCGGTCTGGGCTG
GCTTCAGAACTATAATCAACCATCAGAAAATAAATTATCCCTCAAAGTTCTCAAGAAGCCCAAGC
AAAGGCCCTGCTGAGAAGACCGTTTGACTTAGTGTGGTTTTGTGCTTTTCTTGCAACTGGATTTTGC
CTGTTAGAGGCTTGATTGCTTTGGATTGCCAGCTGAGCTCTGCCGACTCTACACGCAGTTTCAAGAGC
CCTACCTAAAGGACCCTGCTGCTTATCCTAAGATTGAGATGCTGGCATAACATGTTCTATTCGGTCCCTTA
CTTTGTGATTGCCCTTTATGGCTTAGTGGTCCCTGGATGCTCATGGATGCCTGATATAACGCTGGTCCAT
GCTGGAGGTCTAGCTCAGGCTCAGTTTTCTCACATTGGTGGTCCCTCATGCTAGAAGTCTTATGCT
ACAGAGTCCCGAAGAAGCGAAAATCTTTTTCTAGCACTAAACATAGCATATGGAGTCTTCTCCTCAGCT
CTTGGCCTACCGTTGTACCTACAATCCCGAGTTCTTCTAAGAAGTAAAGGCAGATGAGAAGTTGGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001291282
Insert Size: 840 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291282.1</u> , <u>NP_001278211.1</u>
RefSeq Size:	1726 bp
RefSeq ORF:	840 bp
Locus ID:	107769
UniProt ID:	<u>P58749</u>
Cytogenetics:	7 D3
Gene Summary:	May function as sterol isomerase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.