

Product datasheet for **MC227373**

Tm6sf2 (NM_001293795) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tm6sf2 (NM_001293795) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tm6sf2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227373 representing NM_001293795
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACATCCCGCCCTAGCCGGCAGGACTGTGGCAATGTCATTCTGCGCCCTGCCAGTGTCTACCTAC
TCAATCAAGTTTCGGCGTTCTCACAGCCCTGTTTGTGGTGTGACGAGTGTCTGATACTGGTCTGTCT
CTTCCTGGCAGTCTATAGCCTATCTCATGGGAGATCACCTACGACCCTCTATGCTGTCTTTGTGATC
TTCTCCTTCACTCGGTGGTGGACCTTGTCACTGCACTCCAAGAAGATGGCTACATGATGGGCTTATGG
ATTTCTACACCAAGGAGGGTGGCCCTACCTACGCACAGCACATGGCATCTTCATCTGCTACTGGGATGG
TACTGTGCACTACCTGCTCTATCTGACAATGGCTGGTCCATCCGCAAAAGGAAAAGGTACCGGAACCTT
GGGCTCTACTGGCTGGGATCCTTCGCCATGAGCATCCTGGTGTCTCCCGGAAACATCCTTGGTAAAT
ACAGTTCAGAGATGAGGCCTACCTTCTTCTCGCCATCCTGTACATGCTGGTCCCATGCTGGGCCGGTGT
GAGGATCTTCAACAGTCCCGGGCACCAACCTCCTATACCCTGACATGGTACAGGAAGAACAAGAAA
AGTCTCTTCCAGCGTCCGGCTGACCTGGCACTCATAGTATACCTCATCTTGCAGCGCTCTTCACTGTCT
TCCGGGTCTGGTGGTACTTGACTGCCCCACAGATGCCTGCTTCTATATTTACCAATATGAGCCATA
CCTTCGGGACCCTGTGGCTACCCAAAGTTGAGATGCTGATGATTTGTTCTATGCTCTACCATTTCTAC
TGCTGGCTGCCTACGCCCTTGCTTCCCTGGCTGCTCCTGGCTGCCGGACTGGGCTTGGTATTTGCTG
GAGCCATTGGCCAGGCGCAGTTCTCACACATGGGTGCCTCCATGCACATGCGCACACCCTTACCTACCG
CGTGCCAGAGGACACCTGGGCTACCTTCTTTCTGAGCAACCTGCTATTGGCACTGGGTCACCTGCTG
GCTTTCGCTGCCTGTGGCGGCCCGCTTCTTCTTGCATGCAGCGCTGCCATCTTCGCCACAGGACCAAG
ACAAGAAGCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001293795



[View online »](#)

Insert Size:	1137 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_001293795.1, NP_001280724.1</u>
RefSeq Size:	1446 bp
RefSeq ORF:	1137 bp
Locus ID:	107770
Cytogenetics:	8 B3.3
Gene Summary:	<p>Regulator of liver fat metabolism influencing triglyceride secretion and hepatic lipid droplet content. May function as sterol isomerase.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>