

Product datasheet for **RN208839**

Tm6sf2 (NM_001127654) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tm6sf2 (NM_001127654) Rat Untagged Clone
Tag: Tag Free
Symbol: Tm6sf2
Synonyms: MGC188225
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208839 representing NM_001127654
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACATCCCGCCGCTAGCCGGCAGGACTGTGGCGATGTCACCTCGGTGCTCTGCCAGTGTCTACGTAC
TCAACCAAGTTTCGGCGTTCTCACAGCCCCTGTGTGGTGTGACGAGTGTCTGGTACTGGGTCTGCT
TTTCATGGCTGTCTACAGCCTATCTCATGGGAGATCACCTATGACCCTCTCTATGCTGTCTTTGTGGTC
TTCTCCTTACCTCGGTGGTGGACCTGGTCATTGCACTCCAAGAAGATGGCTACTTGATGGCCTTATGG
ATTTCTACGCCAAGGAGGGCGAGCCCTACCTACGCACAGCGCACGGCATCTTCATCTGCTACTGGGATGG
TACTGTGCACTACCTGCTCTATCTAACAATGGCTGGTGCATCCGCAAAAGGAAAAGGTACCGGAACCTT
GGGCTCTACTGGCTGGGGTCTTCGCTATGAGCCTCCTGGTGTTCCTCCAGGAAACATCCTTGGTAAAT
ACAGTTCAGAGATCAGACCTACCTTCTCCTTGCATCCTGTACATGCTGGTCCATGCTGGGCCGGTAT
GAGGATCTTCAACCAGTCGCCTGCACCAAGCTCCTGCACCTGTGATGTGGTACAGGAAGAACAAGAAA
AGCCTCTACAGCGCCCGGCTGACCTGACACTCATAGTTACCTCATCCTTGTGCATTTTCACTGTCT
TCCGGGGCTGGTAGTACTTACTGCTGCCCCGAGATGCCTGCTTCATCTATATTTACCAATATGAACCATA
CCTTCGGGACCCTGTGGCCTACCCAAAGTTGCAGATGCTGATGATTTGTTCTATGCTCTACCAATCTAC
TGCTTGGCTGCCTATGCTCTCACCTCCCTGGCTGCTCCTGGCTGCCGGATTGGGCTTGGTATTTGCTG
GAGCCATTGGCCAGGCGCAGTTCTCACACATGGGTGCCTCCATGCACCTACGCACACCCCTTCACTACCG
CGTGCCAGAGGACACCTGGGCCACCTTTCTTCTGAGCAACCTGCTGTTTGCAGTGGGTCCCCACCTGCTG
GCTCTCCGCTGCCTGTGGCGCCGGCCTTCTTTTTGCGTGCAGCACCGCCATCTTCGCCCCAGGACCAAG
GCAAGAAGCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001127654
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).
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_001127654.1, NP_001121126.1</u>
RefSeq Size:	1412 bp
RefSeq ORF:	1137 bp
Locus ID:	689029
UniProt ID:	<u>B0BNG2</u>
Cytogenetics:	16p14
Gene Summary:	Regulator of liver fat metabolism influencing triglyceride secretion and hepatic lipid droplet content. May function as sterol isomerase.[UniProtKB/Swiss-Prot Function]