

Product datasheet for MC202141

Tm6sf2 (NM_181540) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm6sf2 (NM_181540) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tm6sf2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC024498 sequence for NM_181540</p> <pre> CCCACGCGTCCGGGAGCCAAGCGTCCTGGAGGCCTCGCCGGGGTCCGGGTGCCGCTGCCATGGACATCCC GCCCTAGCCGGCAGGACTGTGGCGATGTCATTCTGCGCCCTGCCAGTGTCTACCTACTCAATCAAGTT TCGGCGTTCTCACAGCCCCTGTTTGTGGTGTGACGAGTGTCTGATACTGGGTCTGCTCTTCTGGCAG TCTATAGCCTATCTCATGGGGAGATCACCTACGACCCTCTCTATGCTGTCTTTGTGATCTTCTCCTTAC CTCGGTGGTGGACCTTGTCACTGCACTCCAAGAAGATGGCTACATGATGGGCTTCATGGATTTCTACACC AAGGAGGGTGAGCCCTACCTACGCACAGCACATGGCATCTTCACTGCTACTGGGATGGTACTGTGCACT ACCTGCTCTATCTGACAATGGCTGGTCCATCCGAAAAGGAAAAGGTACCGAACCTTGGGCTCTACTG GCTGGGATCCCTCGCCATGAGCATCCTGGTGTCTCCCGGAAACATCCTTGGTAAATACAGTTCAGAG ATGAGACCTACCTTCTTCTCGCCATCCTGTACATGCTGGTCCCATGCTGGGCCGGTGTGAGGATCTTCA ACCAGTCCCAGGCACCAACCTCCTATACCCCTGACATGGTACAGGAAGAGCAGAAGAAAAGTCTCCTCCA GGTCCGGCTGACCTGGCACTCATAGTATACCTCATCTTTGACAGCGCTTCACTGTCTTCCGGGGTCTG GTGGTACTTGACTGCCCCACAGATGCCTGCTTCACTATATTTACCAATATGAGCCATACCTTCCGGACC CTGTGGCCTACCCAAAGTTGAGATGCTGATGATTTGTTCTATGCTCTACCACTTACTGCCTGGCTGC CTACGCCCTTGCCTTCCCTGGCTGCTCCTGGTGCCTGGACTGGGCCTTGGTATTTGCTGGAGCCATTGGC CAGGCGCAGTTCTCACACATGGGTGCCTCCATGCACATGCGCACACCCTTCACTACCGCGTGCCAGAGG ACACCTGGGCTACCTTCTTCTGAGCAACCTGCTATTGGCACTGGTCCCACCTGCTGGCTTCCGCTG CCTGTGGCGGCCGCCTTCTTCTTGCATGCAGCGCTGCCATCTTCCGCACAGGACCAAGACAAGAAGCAG CAGTGAGCATGCGCATCTCTGCTAAGTCATCTACCCGTGCAGCCATCATTGGCCTCCGAGGGTGGTT AGCCACACGGACATTTCGAGAAACTGCAATCCAGGCCAGAAAGGAGCATAGGTGTTCTTGTGCGTCACT GTACCTCAAAAGTCACCCAGACTCTAATGCCCCCTCCTGGAATCTAGCCATCACCTTCCCATACATTT AATAAACCTTCTGATGTCTAGAA </pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_181540
Insert Size:	1137 bp



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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>BC024498</u> , <u>AAH24498</u>
RefSeq Size:	1469 bp
RefSeq ORF:	1137 bp
Locus ID:	107770
UniProt ID:	<u>Q8R1J1</u>
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 (2) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is 2 aa shorter compared to isoform 1.</p>