

Product datasheet for **MC217896**

Tm7sf2 (BC014769) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tm7sf2 (BC014769) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tm7sf2
Synonyms: 3110041O18Rik; ANG1; C14SR; Dhcr14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC014769
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTTCTCGTGAGGCCTCCAGGCCCACTGGAATTCGGGGGGCCGTTGGGCGTCGGGCTTTACTGA
TCCTGCTGCCACCATGTTCCACCTGCTCCTGGCGGCTCGCTCGGGCCGGCGCCCTCTGGCCCT
ACCGGCCTATCTGCCTGGGCTGGAGGAGCTGTGGAGCCATGGGCTCTGCTGCTATTGTTTCATCTGGCTC
GGCCTGCAGGTGGCGCTCTATTTGCTGCCTGCACGCAAGGTGGCCGAAGGCCTGGAAGTGAAGGACAAGA
GTCGCCTGCGCTACCCTATTAATGGCTTCCAGGCTCTGGTGTAAACAGCCCTGTTGATGGGGCTGGGGT
GTCAGTGGGGCTGCCCTGGGGCACTCCCTGGAATGCTCCTGCCCTTGGCCTTTCGACCACTCTCACC
AGCTTTATCTTCAGCCTCCTCCTATGCGAAGGCTTTGGTAGCTCCTGCCTCAGCCCTGGCTCCTGGG
GAAACTCAGGAAATCCATGTATGACTTCTTCTTGGACGGGAGCTGAACCCTCGCTCGGTTCTTTGA
CTTCAAATATTTCTGTGAGCTGAGACCTGGCCTCATTGGCTGGGTTTTTCATTAACCTGGCCCTGCTGATG
CAGGAGGCAGAGCTTCGGGGAGTGATTCCTGGCTAACCATCTGATTAATGGCTTCCAGTTGCTGTATG
TGGGTGATGCCCTCTGGTATGAGGAGTCTGTCTCACCACCATGGACATAACATGATGGTTTTGGCTT
CATGCTGGTCTTCGGAGATCTAGCTTGGGTACCATTACCTACAGCCTGCAGGCCAGTTCTCTGTGTAC
CATCCACAGCCTCTGGGTTGCCATGGCCTTGTCTCATCTGCCTCCTTAAGGCTATTGGTTACTACATGT
TCCGAGGGCCAACTCCCAGAAAAACATTAGGAAGAATCCTTCTGACCCAGCGTGGCTGGTCTTGA
GACCATCCCGACTGCCACGGGGAGGAGCTGCTGGTGTCTGGTGGTGGGTATGGTTCGACACCCCAAC
TACCTGGGAGATCTCATCATGGCTCTGGCATGGTCTTTGCCCTGTGGCTATCCCATGGTCCCTCCCT
CCAGGGCTATCCCATCTGCTGCCCTACTTCTACGTCCTTACTTCACTGCATTGCTGGCGCACCGGAGG
CCAGAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC014769
Insert Size:	1200 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:	BC014769 , AAH14769
RefSeq Size:	1523 bp
RefSeq ORF:	1199 bp
Locus ID:	73166
Cytogenetics:	19 A
Gene Summary:	Catalyzes the reduction of the C14-unsaturated bond of lanosterol, as part of the metabolic pathway leading to cholesterol biosynthesis.[UniProtKB/Swiss-Prot Function]