

Product datasheet for **SC112370**

TM6SF1 (NM_023003) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM6SF1 (NM_023003) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM6SF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_023003, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGCCTCTGCGGCCACCGGGTCTTCGTGCTGTCCCTCTCGGCCATCCCGGTCACCTATGTCTTCA
ACCACCTGGCGGCCAGCATGATTCTGGACTATTGTAGGGGTTGCTGCCCTCATCCTGTTCTGGTAGC
ACTGCTGGCTCGTGTCTCGTCAAAAGAAAACCACCCCGGGACCCACTGTTCTATGTGTATGCAGTTTTT
GGATTTACCAGCGTGGTGAACCTCATCATAGGACTGGAGCAAGATGGAATCATTGACGGGTTTCATGACAC
ACTACTTGAGAGAGGGTGAACCGTATCTGAACACCGCATATGGGCACATGATCTGCTACTGGGATGGCTC
TGCTCATTATCTGATGTACCTGGTGTGGTGGCAGCCATAGCATGGGAGGAACTTATAGAACCATTGGC
CTATATTGGGTTGGATCTATTATTAGTGTGTTGTTTTGTGCCAGGAAACATTGTAGGGAAGTATG
GAACACGAATTTGCCCTGCTTTTTCTTAAGCATACCATATACTTGTCTTCTGCTGGGCTGGTTTCAG
AATCTATAATCAGCCATCAGAAAATTATAATTACCCCTCAAAGGTTATTCAAGAAGCCAAAGCGAAAGAC
CTGCTGAGAAGACCATTTGATTTAATGTTGGTTGTGTCTCCTCCTGGCAACTGGATTTTGCCTGTTCA
GAGGTTTGATTGCTTTGGATTGCCCATCTGAGCTCTGCCGATTATACGCAATTTCAAGAGCCCTATCT
AAAGGATCCTGCTGCTTATCCTAAAATTCAGATGCTGGCATATATGTTCTATTCTGTTCTTACTTTGTG
ACTGCACTGTATGGCTTAGTGGTTCTGGATGTTCTGGATGCCTGACATCACATTGATACATGCTGGAG
GTCTGGCTCAGGCTCAGTTTTCTCACATGGTGCATCTTTCATGCTAGAACTGCTTATGTCTACAGAGT
CCCTGAAGAAGCAAAAATCCTTTTTTTAGCATTAAACATAGCATATGGAGTTCTTCTCAGCTCTTGCC
TATCGTTGTATCTACAAACCAGAGTTCTTCATAAAAACAAAGGCAGAAGAAAAGTGAATAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_023003 unedited
 ACGACTCACTTTAGGGCGGCCGCGACATTCGCACGAGTGCGGCGCGGCTGCGATGAG
 TGCCCTCTGCGGCCACCGGGTCTTCGTGCTGTCCCTCTCGGCCATCCCGGTACACCTTAGT
 CTTCAACCACCTGGCGGCCAGCATGATTCCTGGACTTTTGTAGGGGTTGCTGCCCTCAT
 CCTGTTCTGGTAGCACTGCTGGCTCGTGTCTCGTCAAAAAGAAAACCACCCGGGACC
 CACTGTTCTATGTATGCAGTTTTGGATTTACCAGCGTGGTGAACCTCATCATAGGAC
 TGGAGCAAGATGGAATCATTGACGGGTTTCATGACACACTACTTGAGAGAGGGTGAACCGT
 ATCTGAACACCGCATATGGGCACATGATCTGCTACTGGGATGGCTCTGCTCATTATCTGA
 TGTACCTGGTGTGGTGGCAGCCATAGCATGGGAGGAACTTATAGAACCATTGGCCTAT
 ATTGGGNTTGGATCTATTATTATGAAGTGTGTTGTTTTTGTGCCAGGAAACATTGTAGN
 GGAAGTATGGAACACGAATTTGCCCTGCTTTTTCTTAAGCATACCATATACTTGTCTTC
 CTGTCTGGGCTGGTTTCAGAACTATAATCAGCCATCAAAAATTATAATTACCCCTCAA
 GATTGCTTTGGNNATTGCCATCTGAGCTCTGCCGATTATACGCAATTTCAAGAACCCT
 ATTNNAAGGACNCTGCTGCCTATCCTAAAATTCAGAGCTGGGCATATATGTCTAATTCT
 GTCCTTAACCTTTNGACTGCACTGNATGGCTTTAAAGGGTCCCTGGGGATGCCCTGGGA
 TGCTGACATACATGATACTGCTGGNAGGCTGGCTAAGGCTCAATTTTACAATGGGGC
 ATCTCTGCTAAACGGTTATTTTTCAAATTCAGAGCAAAAANCTTTTACTACAG
 NAAAAGAGGAAGGTTCTTACCTGGGCTTAGTTGTTTAAACACAAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_023003 unedited
 GGGGATTTCACTTGNACCGCGCCGTTTTCTANGATCGATTTTTTTTTTTTTTTTTAAGA
 TTGTCTTTATAAGAGGCCAAAATAATTTATTAATAAATTACACAGAAATACAATAGAAAT
 ATTTCCAGCCACCAATAAAACAAATGTTTATTAAAGGATAGAGATAAAGTTACTGATCCCT
 ATTTAGCTGTTTAAATTCACACAAAAAATTTATTAAGTAATTTTCTTGAACACAGCAG
 CAAATAATAAACTTTCTTGGGAAAACATTTTTCAACAACATTTAAAAATATTCTGATG
 ATTTGCCTTTTATATTGAGTTTAAATAATGAAGCATATTCTTATTTGCAAAAGTTACT
 CCTCCAGTCTGCATTCCTGTTTTGAATTTTTTAAATGACACAGGCCATATTCTCTTTTG
 AATAGTTTCATTCATGCTCACTACTGTTGGCACTAAATTGTAATTTTTTACACTATAA
 TTATTTTATATGTCAAACAATATTGAGATGGATGATCAAGTTTATTACAAATGATTTTG
 AATATATTTCTTAAACAACTGTTTCTCAAGAATTTCCATTTTCTTCAAAAAAATTT
 ACACAATACCATATAGCTCACACATACAGTGCAGAGCAAGAATGTACATATTCTTAAGTA
 CTCACGTATGAGAAGAGAGTGAATGGGACAAAATATCAGTACCAGTATAACAAAAGTTA
 GTAATTTAGAAAAGGAGGAACATGAAGTAATTTTTTATTCCACTTTTTCTCTGCCTTTG
 TTTTTATGAAGAACTCTGGTTGTAGATACAACGATAGGCCAAGAGCCTGAGAAGAACTC
 CATATGCTATGTTAATGCTAAAAAAGGATTTTTGCTTCTTTCAGNACTCTGTAGACT
 TA

Restriction Sites:

NotI-NotI

ACCN:

NM_023003

Insert Size:

2000 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:	NM_023003.1 , NP_075379.1
RefSeq Size:	1444 bp
RefSeq ORF:	1113 bp
Locus ID:	53346
UniProt ID:	Q9BZW5
Cytogenetics:	15q25.2
Protein Families:	Transmembrane
Gene Summary:	May function as sterol isomerase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).