

## Product datasheet for **MC201439**

### **Tm6sf1 (NM\_145375) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tm6sf1 (NM_145375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tm6sf1
Synonyms:	AI428514; BC023123; C630016D09Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC023123 sequence for NM\_145375  
 CCGACGCGTGGGGTCCTTCGCCGGGCCCTCCTTTTCCCATTAAAGCAAGCGTCCTGGGGCGCTTGTCTC  
 CTCGTGGTGGCTGCTGAGCCCTTGCCTCGTTAGCAGGAGCCGGGTGGGGACGCCTCTGGGGATCGTACA  
 GCGGCCCTAGAGCACCCGGGTGGTGCCTCTCTGTGCGCGCCGGGCAGCTACGGGCGACGGGGACGCGC  
 AGAGGAGACGCGCCGGGGGCCCTGGAAGGGCAGCGGCGAGGGGCGCGGCCGCCGGAAGCTGGGGC  
 AGGGGACCCCGCGCGATGCGGTGAAAGAAGAGCGACCCGGAGGTGGCAATGAGTGCCTCTGCGGCCAC  
 GGGGGTTTTGTGCTGTCCCTCTCAGCCATCCCGGTACCTACATCTTCAACCACCTGGCGGCCACGAC  
 GATTCTGGACCATTGTTGGGGTTGCTGCCCTCATCCTGCTCCTGGTGGCCCTTTTGGCCCGGGTCCCTG  
 TCAGAAGAAAACCGCCGAGGGACCCTCTGTTCTACGTGTATGCAGTGTGGATTACCAGTGTGGTGAA  
 CCTTATCATAGGCTTGGAGCAAGATGGCATCATTGATGGATTCATGACGCACTACTTGGAGAGGGTGAA  
 CCGTATCTGAACACGGCCTATGGGCACATGATCTGCTACTGGGATGGCTCTGTTTACCTGATGTACC  
 TAGTGATGGTGGCCGCATAGCCTGGGAGGAAAGCTACAGAACCTTGGCCTATACTGGTGGATCCAT  
 TATAATGAGCATCGTGGTTTTGTGCTGGAAACATCGTAGGAAAGTATGGGACACGGATTTGCCCTGCA  
 TTTTTCTAAGCATACCATATACATGTCTTCCGGTCTGGGCTGGCTTCAAGTCTATAATCAACCATCAG  
 AAAACTATAATTATCCCTCAAAGTTCTTCAAGAAGCCCAAGCAAAGGCCCTGCTGAGAAGACCGTTTGA  
 CTTAGTGTGGTTGTGTGCTTTTCTTGCAACTGGATTTTGCCTGTTACAGAGGCTTGATTGCTTTGGAT  
 TGCCAGCTGAGCTCTGCCGACTCTACACGCAGTTTCAAGAGCCCTACCTAAAGGACCCTGCTGCTTATC  
 CTAAGATTGAGTGTGGCATAACATGTTCTATCCGTCCTTACTTTGTGATTGCCCTTTATGGCTTAGT  
 GGTCCCTGGATGCTCATGGATGCCTGATATAACGCTGGTCCATGCTGGAGGTCTAGCTCAGGCTCAGTTT  
 TCTCACATTGGTGGTCCCTTATGCTAGAACTGCTTATGTCTACAGAGTCCCGAAGAAGCGAAAAATCT  
 TTTTCTAGCACTAAACATAGCATATGGAGTCTTCTCCTCAGCTCTGGCCTACCGTTGTACCTACAATCC  
 CGAGTTCTTCTAAGAATAAGGCAGATGAGAAGTTGGAATAAACAACATACCTCACAGTTCTCTCTGA  
 CCTGTTAATGGGACTGGCGCTCTCCTTTATCCCTCCATACAGGAATACTCACAAGAACACACTTGCTCT  
 GCAGCATACATGTGAGTAAACTAAGGGTAGTATCTGGGTATATTCTCAGTTTTGAAAGAAAATTAAGT  
 TGAGAAACAGCTTTTTAAGGAAATATATCACCATTTGTCTATGAATGTGACCATTGATTTTAGCATTGT  
 TTGCACATAGTATGTGTGAAAATTACAACCTAGTGCCTACAAAAAGCATAAAAATGAACTATTAGAA  
 GTAACATAACCACTACTATGCATAAGAAATAATTCAAAACAGCAATTGCAGGTTGGAGAAATGGCTTC  
 ATATGAAATGTATGAGTTGTTGACAATCTTAATAATAAATGCCAGATCATACAATATTTTTAAATTGATT  
 CAAGTCTTTTACAAGGAAAGCATATTATTTATGCCATTTAAAAATTGCTGTCAAACCTTCTATTGTG  
 AATTTGAATAGCTAAGATGACACAAATCAACTTTATTAGTTGTCTTAATGAACACTGTTTTATTGGTTG  
 ATAATATTTCTCTGTGTTTCTGTGTATACCTTCAATACTGTGTATACCTTCAATAAAAATTTTTTGGT  
 GTTTATGAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_145375
- Insert Size:** 1113 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:**

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:** [BC023123](#), [AAH23123](#)

**RefSeq Size:** 2194 bp

**RefSeq ORF:** 1113 bp

**Locus ID:** 107769

**UniProt ID:** [P58749](#)

**Cytogenetics:** 7 D3

**Gene Summary:** May function as sterol isomerase.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).