

Product datasheet for **SC337393**

TMC7 (NM_001300732) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMC7 (NM_001300732) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001300732, the custom clone sequence may differ by one or more nucleotides

```

ATGAGCGAGTCCAGCGGCAGTGCCTCCAGCCCGCAGGCCAGCCGGCAGCCGGGTCCATCCAGAGA
ACCTCTCTCTAGACTCCAGTTGCTTCTCTTCTCCACCTGTGAACCTCCTCCAAGAATTGCCAAGCTACCG
GTCCATTGCACGTAGGAGAACGACTGTCCATCCCGGGACAAGCAAAGCGGAACCTTGTCTAAAGCCAACC
GACTCTTACAGCTCCCAGCTGGAGGACAGAATCGCTGAAAACCTCAGCAGCCATTCTCTCGAAATTATG
CACTGAACATCTCTGAGAAGCGGAGACTAAGGGACATTCAAGAGACACAAATGAAGTATCTCTCCGAATG
GGACCAGTGGAAGCGGTATAGCAGCAAGTCTTGAAGAGGTTCTAGAGAAGGCTCGAGAGATGACGACC
CACCTGGAGCTGTGGCGGGAGGACATCCGAGCATAGAAGGGAATTTGGCACTGGGATTCAGTCTATT
TCTCTTCTTGAGATTCTGGTGTGCTGAATTTGGTGATTTTCTGATCATCTTATGCTGTTTTGCT
CCCAGTCTTACTACGAAATAAAGATCACCAACAGCAGCTTCGTGCTATTCTTTCAAAGACATGGAT
AAACAATGTACAGTCTATCCAGTAAGCAGTTCTGGACTCATTTACTTTTACAGTTATATCATAGACTTGC
TTTCTGGCACTGGTTTCTGGAGGAACTAGCCTCTTTACGGACATTACACCATTGATGGGGTGAATTT
TCAGAACTTCACCTATGATCTGCCCTGGCGTATTTGTTAAGCACAATCGCCTCCCTGGCCCTGAGCCTT
CTTTGGATAGTGAAGGTGGTGAAGGATTCAAATCAACCTGATTCCGAGTGAGGAGCACTTTCAGA
GTTACTGCAACAAGATATTTGCCGGTGGGACTTCTGCATCACTAACCAGCAGATGGCGGATCTGAAGCA
CAGCAGCTTGGGTACGAGCTCCGAGCAGATCTGGAGGAAGAAAGAAATGCGGCAGAAAAATAGCAGAAAGG
ACCTCAGAAGAAACAATACGCATTTACTCTTTGAGACTGTTTTGAAGTATTGTTCTGGCTGTTTTAG
GGGCATGCTTTTATGCAATATACGTAGCAACTGTCTTCTCGAAGAGCACATGAAAAAGGAAATCGACAA
GATGGTTTTTGGAGAGAACCTCTTCATATTGTATCTACCGTCTATTGTGATCACGCTGGCCAATTTATC
ACCCCAATGATCTTTGCCAAGATCATCCGCTATGAGGATTATTCTCCAGGCTTTGAGATCCGTCTGACAA
TCCTTAGGTGTGCTTTATGCGGCTGGCCACCATATGTGCTGTGTTACGCTGGGCTCCAAGATCAC
ATCCTGTGATGATGACACATGTGACCTTTGCGGCTACAACCAGAACTCTACCCGTGCTGGGAGACCCAA
GTTGGGCAGGAAATGTACAAGCTGATGATCTTCGACTTCATCATCATCTTGGCTGTGACACTCTTCGTGG
ATTTTCTAGAAAGCTCCTGGTGACCTACTGTTCTCTTGCAAGCTGATTCAGTGCTGGGGCAGCAGGA
GTTTGCCATTCTGATAACGCTCTGGGGATAGTTTACGGGCAACCATCTGCTGGATCGGAGCCTTTTTC
TCACCCCTTCTCCCTGCAATTGCAACCCTGAAATTCATTATCATCTTCTATGTGAAAGAGTGAGTCTGC
TTTACACCTGCAGACCTCCCCAGGCCGTTAGAGCATCCAATTCTAATTTCTTCTCTGTTGGTGTT
GTTGATCGGGCTGTGTTGGCAATAATACCTCTGACAATCAGCATATCACGCATCCCTTCTCGAAAGCC
TGTGGGCCGTTACCAACTTCAACACCCTGGGAGGTATCCCCAAGACGGTGAGCACCTTCCCCAGCT
CGCTGCAGTCCTTCATCCATGGTGTACATCCGAAGCCTTGCAGTTCCTTTCTTCATGATTATTTGCCT
CATCATGTTTTACTTCATTGCCTTAGCTGGAGCACACAAACGGGTGGTATCCAGCTCCGAGAGCAGCTA
TCCCTGGTAAGGAAGCATAGCTCCAGAGGGTATGGCTGGGGACATTTACCCAGGACACTGCAAGGAAAG
TGCTGTTTTCTGGGAGGGAGTGAAATTAAGTGCAGCCTTCTCTACCACCACCTCCCCAAAACCTGCTCT
TGAGGCCAGCCGCTCCAGCTTCATTAATTCACTGA

```

Restriction Sites: SgfI-MluI

ACCN: NM_001300732

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:	<u>NM_001300732.1</u> , <u>NP_001287661.1</u>
RefSeq Size:	2738 bp
RefSeq ORF:	2277 bp
Locus ID:	79905
Cytogenetics:	16p12.3
Protein Families:	Transmembrane
Gene Summary:	Probable ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) encodes the longest isoform (c). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.