

## Product datasheet for **SC106000**

### TMEM50B (AL355685) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM50B (AL355685) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM50B
Synonyms:	C21orf4; HCVP7TP3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL355685, the custom clone sequence may differ by one or more nucleotides

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CATATATCTAGAATGAGCACTGAGCCATAAAAGGTTTTTCAGCAAGTTGTAACCTATTTTGGCCTAAAAAT
GAGGTTTTTTGGTAAAGAAAAATATTTGTTCTTATGTATTGAAGAAGTGTACTTTTATAATGATTT
TTTAAATGCCCAAAGGACTAGTTTGAAAGCTTCTTTTAAAAAGAATTCCTCTAATATGACTTTATGTGAG
AAGGGATAATACATGATCAAATAAACTCAGTTTTTTATGGTTACTGTAAAAAGACTGTGTAAGGCAGCTC
AGCACCATGCTTCTCGTAAAAGCAGCTTCAAATATCCACTGGGGTTATCTTTTGACAACTTGCCATTATC
TGATGTTACACAATTCAATAGCAAGCAAGTTTGAGACAATCGCAGTTTAAAAGCATGAACCATTTAACAA
AAAGTGAATAATTAAGATAAAGCACTTCTTCCCAAAGGAATTATCACCTAGTAAAAATTATGCATT
TCATCTACTCAGTTACCGACTGCAAGTCTCTCCTCGCTCTAGCTCTCAAGCTTTGGGTGAATATTCTGT
GAAATATATCTTCAACTTGAAAGTTCATACTCCAATCAAAAACTCCTTTTACTGAGTTTGACGACTGTA
TTTGCACTGTTTGTATTCTCTGGGCCCTTATTGCTACTTTTGCTTTCTTTGTTACACAGATTTTGTGT
TGCACTTTTTCTCCAGAGGGGTGTTGTAGAGCCTTGGTTGTATGAATAATACCAGTGGTAGTGCCACGG
CTCTAATGTAAGCCATTTGGCATCACTCCTCTCCTCTCTTTGAGAGGATTTCTTGTGCACAGAGTATG
AAGCAGTTGTGGAGCGCTGTGCCTTTGTCAAGTACCATCTTGTGTTGATGACTTCTTTCTTTGCTGTTTT
TTCTTCAAATGTTAGTAAGCTCTGTCTGCTTCTAGCAAATTTGAAGACTAATTATTTGTTTCCACCTC
ATAACCTGTTGCAATAAATATTACTTCTCATACAAAAAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AL355685 unedited ATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGATTTCTGAA GATGTACAAAAAATATAGCTTCATATATCTGGAATGAGCACTGAGCCATAAAAGGTTTT CAGCAAGTTGTAACCTATTTTGGCCTAAAAATGAGGTTTTTTGGTAAAGAAAAAATATT TGTTCTTATGTATTGAAGAAGTACTTTTATATAATGATTTTTTAAATGCCCAAAGGAC TAGTTTGAAGCTTCTTTAAAAAGAATTCTCTAATATGACTTTATGTGAGAAGGGATA ATACATGATCAAATAAACTCAGTTTTTTATGGTTACTGTAAAAAGACTGTGTAAGGCAGC TCAGACCATGCTTCTCGTAAAAGCAGCTTCAATTATCCACTGGGTTATCTTTTGACAA CTTGCCATTATCTGATGTTACACAATTCAATAGCAAGCAAGTTTGAGACAATCGCAGTTT AAAAGCATGAACCATTTAACAAAAAGTGAATAATTAAAGATAAAGCACTTCTTCCAAA GGGAATTACACCTAGTGAAAAATTATGCATTTCACTACTCAGTTACCGACTGCAAGTC TCTCTCGCTCTAGCTCTCAAGCTTTGGGTGAATTTCTGTGAAATATATCTTCAACTT GAAAGTTCATACTCCAATCAAAAACCTTTTACTGAGTTGCAGTACTGATTTTGCAGT GTTTGTATTCCTCTGGGCCCTTATTGCTACTTTTGCTTTCCTTGTACACAGATTTTGTG TTGCAGTTTTTCTCCAGAGGGGTGTTGTAGAGCCTTGGTTGTATGAATAATACCAGTGGT AGTGTCCACGGGTCTAATGTAAGCCATTGGCATCACTCTCTCTCTCTCTGAGAGG ATTCTTGTGCACGAGT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AL355685
<b>Insert Size:</b>	2000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">AL355685.1</a>
<b>RefSeq Size:</b>	1032 bp
<b>RefSeq ORF:</b>	1032 bp
<b>Locus ID:</b>	757
<b>Cytogenetics:</b>	21q22.11
<b>Protein Families:</b>	Druggable Genome, Transmembrane