

## Product datasheet for **SC106253**

### **TMEM14C (BC010086) Human Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	TMEM14C (BC010086) Human Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	TMEM14C
<b>Synonyms:</b>	bA421M1.6; C6orf53; HSPC194; MSTP073; NET26; OTTHUMP00000039251; transmembrane protein 14C
<b>Mammalian Cell Selection:</b>	None
<b>Vector:</b>	<u><a href="#">pCMV6-XL4</a></u>
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)
<b>Fully Sequenced ORF:</b>	>OriGene ORF sequence for BC010086 edited ATGCAGGACACTGGCTCAGTAGTGCCTTTGCATTGGTTTGGCTTTGGCTACGCAGCACTG GTTGCTTCTGGTGGGATCATTGGCTATGTAAAAGCAGGCAGCGTGCCGTCCCTGGCTGCA GGGCTGCTCTTTGGCAGTCTAGCCGGCCTGGGTGCTTACCAGCTGTCTCAGGATCCAAGG AACGTTTGGGTTTTCTAGCTACATCTGGTACCTTGGCTGGCATTATGGGAATGAGGTTT TACCACTCTGGAAAATTCATGCCTGCAGGTTTAATTGCAGGTGCCAGTTTGCTGATGGTC GCCAAAGTTGGAGTTAGTATGTTCAACAGACCCCATTAAG



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC010086 unedited TGTAATACGACTCACTATTAGGGCGGCCGGAATTCGCACCAGCCTCGCCCCGCCACCGG GACGGAGAGCGCCCGCCGCTGCATTTCCGGCGACACCTCGCAGTCATTCTGCGGCTTGC GCGCCCTGTAGACAGCCGGGGCCTTCGTGAGACCGGTGCAGGCCTGGGGTAGTCTCCTG TCTGGACAGAGAAGAGAAAAATGCAGGACACTGGCTCAGTAGTGCCTTTGCATTGGTTTG GCTTTGGCTACGCAGCACTGGTTGCTTCTGGTGGGATCATTGGCTATGTAAGCAGGCA GCGTGCCGTCCTGGCTGCAGGGCTGCTTTGGCAGTCTAGCCGGCCTGGGTGCTTACC AGCTGTCTCAGGATCCAAGGAACGTTTGGGTTTTCTAGCTACATCTGGTACCTTGGCTG GCATTATGGGAATGAGGTTCTACCACTCTGAAAATTCATGCCTGCAGGTTTAATTGCAG GTGCCAGTTTGTGATGGTCGCCAAAGTTGGAGTTAGTATGTTCAACAGACCCCATTAGC AGAAGTCATGTTCCAGCTTAGACTGATGAAGAATAAAAATCTGCATCTTCCACTATTTT CAATATATTAAGAGAAATAAGTGCAGCATTTTTGCATCTGACATTTTACCTAAAAA GACACAACTTGGCAGAGAGGTGAAAATCAGTCATGATTACAACTACAGAGGTGGC GAGTATGTAACACAAGAGCTTAATAAGACCCTCATAGAGCTTGATTCTTGATATTGATGT TGNCTTTTCTTTCTGTATCTGTAGTAAATCTCAAGGTAATGGTANGTGCAGCTTTCA GGCTCTGNAACCTATTCTGCTCTGAGAACAGTGTGAAANNAAGTCTTNTAGAGATTA CATATCNTGTCTTGTCTCATCTANACAGACTGCTTTGAANTAATGTAGTGAATATCATG GAAATAAGTTACTTTTATATAANAAAAAANAANAAAACTCGCTTTAATGGGCCGNGN CTAGTGTCTGAACGATCGGGGATCCTGACCCTCCAGGCTTCTG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC010086
<b>Insert Size:</b>	1000 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>	<u><a href="#">BC010086.2</a></u> , <u><a href="#">AAH10086.1</a></u>
<b>RefSeq Size:</b>	953 bp
<b>RefSeq ORF:</b>	339 bp
<b>Locus ID:</b>	51522
<b>Cytogenetics:</b>	6p24.2
<b>Domains:</b>	UPF0136

**Protein Families:** Transmembrane

**Gene Summary:** Required for normal heme biosynthesis.[UniProtKB/Swiss-Prot Function]