

## Product datasheet for **SC304583**

### TMEM74B (NM\_018354) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM74B (NM_018354) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM74B
Synonyms:	C20orf46
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304583 representing NM_018354. Blue=Insert sequence Red=Cloning site Green=Tag(s)

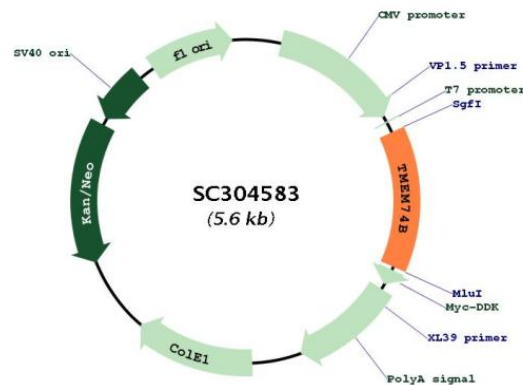
```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCCACCAGCACAGGGTATGAGTTTGCAGCTGCCAAGGGGCCAAGGGATGAGCTGGGGCCCTCCTTC
CCAATGGCATCTCCCCTGGTCTGGAAGTGAAGACACTGAGCAATGGTCCCAAGCCCAAGGAGATCA
GCTCCCCTGGGCCAGTGGCCCCAACCGAGGGGTGTGGAGAATGCCTGCTTCTCCTCAGAGGAGCAT
GAGACCCATTTCCAGAACCCTGGGAACACGAGACTGGGCAGCTCACCCAGTCCCCTGGGGGTGTCTCC
TACTGCCCGATCCCAGCGGGATGATCTGTCCCTTCATTAGAGGAGGGGCCAGCCCTGGAGCCCGTG
AGCCGCCCGTGGATTATGGCTTTGTTTCCGCCCTCGTTTTCTGGTGAGTGGGATCTTCTGGTGGTG
ACAGCATACGCCATCCCCGTGAGGCTCGAGTCAATCCGGACACAGTGACAGCGGGGAGATGGAACGA
CTGGAGATGTACTACGCCCGCTAGGCTCCCACCTGGACAGGTGCATCATCGCAGCCCTCGGGCTGCTC
ACGGTGGGCGGCATGCTCTTGTGCGGTGCTGCTCATGGTCTCCCTGTGCAAGGGCGAGCTGTACCGCCGG
AGGACCTTCGTCCCCGGCAAGGGCTCCAGGAAGACCTACGGCTCCATTAACTGCGCATGAGACAGCTC
AATGGGGATGGGGCCAGGCCCTGGTGGAGAATGAAGTTGTCCAGGTCTCAGAGACTAGCCACACCTC
CAGAGTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



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## Plasmid Map:



ACCN: NM\_018354

Insert Size: 771 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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: [NM\\_018354.2](#)

RefSeq Size: 1738 bp

RefSeq ORF: 771 bp  
Locus ID: 55321  
UniProt ID: [Q9NUR3](#)  
Cytogenetics: 20p13  
Protein Families: Transmembrane  
MW: 27.6 kDa