

Product datasheet for **SC115076**

TMEM50A (NM_014313) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM50A (NM_014313) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM50A
Synonyms:	IFNRC; SMP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014313, the custom clone sequence may differ by one or more nucleotides

```
ATGTCTGGATTTCTAGAGGGCTTGAGATGCTCAGAATGCATTGACTGGGGGAAAAGCGCAATACTATTG
CTTCCATTGCTGCTGGTGTACTATTTTTACAGGCTGGTGGATTATCATAGATGCAGCTGTTATTTATCC
CACCATGAAAGATTTCAACCACTCATACCATGCCTGTGGTGTATAGCAACCATAGCCTTCCTAATGATT
AATGCAGTATCGAATGGACAAGTCCGAGGTGATAGTTACAGTGAAGTTGTCTGGGTCAAACAGGTGCTC
GCATTTGGCTTTTCGTTGGTTTCATGTTGGCCTTTGGATCTCTGATTGCATCTATGTGGATTCTTTTGG
AGGTTATGTTGCTAAAGAAAAAGACATAGTATACCCTGGAATTGCTGTATTTTTCCAGAATGCCTTCATC
TTTTTTGGAGGGCTGGTTTTAAGTTTGGCCGCACTGAAGACTTATGGCAGTGA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014313 unedited
 GGT CANGATTATGTAATACGACTTACTATAGNNGCGGCCGCGCAATTCGGCACGAGGCG
 GAACCACTGCACGACGGGGCTGGACTGACCTGAAAAAATGTCTGGATTCTAGAGGGCT
 TGAGATGCTCAGAATGCATTGACTGGGGGAAAAGCGCAATACTATTGCTTCCATTGCTG
 CTGGTGTACTATTTTTACAGGCTGGTGGATTATCATAGATGCAGCTGTTATTTATCCCA
 CCATGAAAAGATTTCAACCACTCATACCATGCCTGTGGTGTATAGCAACCATAGACCTTC
 CTAATGATTAATGCAGTATCGAATGGACAAGCCGAGGTGATAGTTACAGTGAAGTTGT
 CTGGGTCAAACAGGTGCTCGCATTGGCTTTTCGTTGGTTTCATGTTGGCCTTTGGATCT
 CTGATTGCATCTATGTGGATTCTTTTTGGAGGTTATGTTGCTAAAGAAAAAGACATAGTA
 TACCCTGGAATTGCTGTATTTTTT CAGAATGCCTTCATCTTTTTTGGAGGGCTGGTTTTT
 AAGTTTGGCCGCACTGAAGACTTATGGCAGTGAACACATCTGATTTCCACAGCACAAACA
 GCCCTGCATGGGTTTTGTTGTTTTTTTACTGCTCACTCCCAACCTTTTGAATGCCAT
 TTTCTAAACTTATTTCTGAGTGTAGTCTCAGCTTAAAGTTGTGTAATACTAAAATCAGGA
 GAACACCCTAACAAACCAAAAATCTATTGGGTATGCACTTGATTAACCTATAAAAATG
 TTAGAGGGAACNTCACATGAATAATTTCTGCCAAATTTATCATGGTATAATTTGAAAA
 TAAAAAGAAATTCAAAAGAATTTGCATTTGGCAATGCAATATTTGTCATATCTGAGTC
 CAAACACCAAGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014313 unedited
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTAGGTAACCAATTTAATAAGTTTAAAAAAA
 TGTTAATTTTATTAGGAAGAAGCTTTAAATTTTTTTGGGTACAAACCCATTATTA
 GTTTTGGGTTAATTTTTT GACAATTTTTAAAAATTTTTTTCATGCTTAAAAAACATGC
 TACTCAATTAACCTTTGTCTACCTCAGCAAAGCCTATATTTCAAACAGGAAAATTC
 ATCCCTGGTCTTATTCCTTGGGGGAAACATGCTTTTTTCCCAACAGTTTACAAGGGGG
 GTGGCATTCCCTGAACATATTTAAATTGCCCTGGGGGAAAAAGGTTGTGCTCAATTGT
 AGGGGGGGGGGATCCCCTGCCTGAGGATTAATAAATAATTTTGGGACCGGGAGGAAACC
 GTTAAATTTCCATGGGCTGTCCCCCTATGGAAAAAAAAGGGGGGCTTCAACCTTT
 AAAAATTTCCAGTTTTACATTTTTATGGACTTTTGTAAAAAACATCGGAGTTCTT
 GGGGATGACCCCATTTTTTTTTGTGAAAGTCTTGATCCCCAAGCCAATTTTTCCC
 GTGGTAAACTGTCAAATAAACCTGTGTTCCCTGGAAATGAAACCCCCCTTTTAATC
 CCCCAACCAATTTCCGAAGGTTTATTTGTCCACATTTTTATAAAAACTTTTCAAAC
 CTGTGGCCCTTAAAAGGTTTTCCCTTTTTGCAAAAGTGGGGGAAACCTGGGGGAAACA
 AAAATTTTTAAAAAGAAAAGAAAACAAAAGTTCCCAACTTCAAGGTTGTATCTTATAT
 ACCCGGCTGGGT

Restriction Sites:

NotI-NotI

ACCN:

NM_014313

Insert Size:

2480 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: [NM_014313.2](#), [NP_055128.1](#)

RefSeq Size: 2284 bp

RefSeq ORF: 474 bp

Locus ID: 23585

UniProt ID: [O95807](#)

Cytogenetics: 1p36.11

Protein Families: Transmembrane

Gene Summary: This gene is located in the RH gene locus, between the RHD and RHCE genes. The function of its protein product is unknown; however, its sequence has potential transmembrane domains suggesting that it may be an integral membrane protein. Its position between the RH genes suggests that polymorphisms in this gene may be tightly linked to RH haplotypes and may contribute to selective pressure for or against certain RH haplotypes. [provided by RefSeq, Jul 2008]