

Product datasheet for **SC316794**

TMEM181 (NM_020823) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM181 (NM_020823) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM181
Synonyms:	GPR178; KIAA1423
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC316794 representing NM_020823.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGCGCGGCTCCCTCCCCACTCAGGCTCTTCACGGGGCGGGGGCCGGGTCCCCAGCCCCACC
CGCGCCGTGTCCAGCTCCTCGCGTCTCGCGGGGAGCCCTGAGCGCACTGGGTCCGAGTCTGCGCGC
CCCTCACCACTCCCCGCACCTGCTCCTCCTCGGTCCCGCCAGCGGCCAGCAGCCGATCCC
CAGTGCTGGGAGAAGAGAGGGGGCGCAGGCGGCACACAAAGGGTGGAGCGGCGGGACCGGGACCCGGG
AGGCTGCGCGGCATGGACGCCGAGTACCCTGCCTTTGAGCCCCGCTCTGCAGCGAGCTCAAGCACCTG
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AATTTTCTACTAAATAATAGCAAAAAGCTAAAGCCAATCAAATACTTTCAAATCCACTGTCTACATAC
AATCAGCAACTATGGCTGACATGTGTTGTTGAGTTGGATCAATCAAAGAAACTTCTATTAAGACAAGC
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CACAACCGGACAAGGACCTCACATGTGCAGGAAATGTGCGGAGATTATTGTTGGCTCACCTTGGCTAC
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TTCTGGTCAACAGCTGGCTCCAGGGATGCTGGATGACCTCTTCAGTCCATGTTCTGTGCGCCCTG
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TTGCCTAAATTCTCATTGTTGGACTATTGTTGGTGGCTTCTGTTACGCTAGGAATATGGCAACAGTT
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TTCATGGTGGTGGCAGCGGTGTACATTCTGTACCTCTTGTCTTGTATAGTGGGGCGTGTCCGAGCTA
CGTCACATGCCTTATGTGGATCTCAGGTTGAAATTTTTGACTGCATTGACTTTCTGAGTACTTGTGATT
AGCATCGCCATCCTTTATTTGAGATTTGGGGCGCAAGTACTACAAGACAATTTGTAGCAGAGCTGTCA
ACTCACTACCAGAATTCAGCCGAGTTCTTATCTTTCTATGGCCTGTTGAACTTCTATCTCTACACCTTG
GCCTTTGTATATTCTCCATCGAAGAATGCCCTCTATGAGTCCCAGCTGAAAGACAATCCTGCCTTCTCC
ATGCTGAATGACTCGGATGATGATGATTTATGGGAGTACTATGAGGAAATGCCGCTGCAGAACGGC
CAGGCCATCCGGGCAAGTACAAGGAGGAGTCAGATAGTGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN: NM_020823

Insert Size: 1839 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:	<ol style="list-style-type: none">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_020823.1
RefSeq Size:	5397 bp
RefSeq ORF:	1839 bp
Locus ID:	57583
UniProt ID:	Q9P2C4
Cytogenetics:	6q25.3
Protein Families:	Transmembrane
MW:	69.3 kDa
Gene Summary:	The TMEM181 gene encodes a putative G protein-coupled receptor expressed on the cell surface (Carette et al., 2009 [PubMed 19965467]; Wollscheid et al., 2009 [PubMed 19349973]). [supplied by OMIM, Jan 2010]