

Product datasheet for **SC313814**

TMEM180 (MFSD13A) (NM_024789) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM180 (MFSD13A) (NM_024789) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM180
Synonyms:	bA18I14.8; C10orf77; TMEM180
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC313814 representing NM_024789.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGCTGGGTCAGCCCAGGCCTGGTTGCTGGGTCTGCCACAGCTGTGGTCTATGGCTCCCTGGCT
CTCTTACCACCATCTGCACAATGTCTTCTGCTCTACTATGTGGACACCTTTGTCTCAGTGACAAG
ATCAACAAAATGGCCTTCTGGGTCGGAGAGACAGTGTTTCTCCTCTGGAACAGCCTCAATGACCCCTC
TTCGGTTGGCTCAGTGACCGGCAGTTCTCAGCTCCAGCCCGGTCAGGCGCCGGGCTCTCCTCAAGG
GCTGTGGTCTGGCCCGGTGCAGGCCCTGGGCTGGCATGGGCCGCTGCTGGCGCTGCTGTTCTGGCG
TTCTGGGTGCCCTGGGCCCAGCTGGCCTGCAGTCTTGTGTGCCTGTGCCTCTATGATGGCTTCTG
ACGCTCGTGGACCTGCACCACATGCCTTGTGGCCGACCTGGCCCTCTCAGCCACGACCGCACCCAC
CTCAACTCTACTGCTCCCTCTCAGCGCGCCGGCTCCCTCTGTCTTTGCATCTATGCCTTTTGG
AACAGGAGGATTTCTCCTCTTCCGCGCTTTCTGCGTGACACTGGCTGCAGCTCTGGGCTGGGCTTT
CTGGGGCCACACAGCTGCTGAGGCGCGGGTTGAGGCGCCCGAAAGGCCAGGGTCTCAGGCCCTG
GTTGTGGATAGCGGCCTGTGTGGAGAGGAGCTGCTTGTAGGCAGTGAGGAGGCGGACAGCATCACCTT
GGCCGGTATCTCCGGCAGCTGGCAGCCATCGAACTTCTGTGGTTCTGTGAGCATGGACCTGGTGCAG
GTCTTCCACTGCCACTTCAACAGCAACTTCTTCCCTCTTCTCCTGGAGCATCTGTTGTCCGACCATC
TCCCTTTCCAGGGCTCCATCTGTTGGGCTCTCCTATGTCGCTCCCATCTCAACAACCTCTACTTC
CTGTCCCTGTGCCGGCGCTGGGGCGTCTACGCGGTGGTGGGGGGCTCTTCTGCTCAAGCTGGGACTT
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CAGACCTTTGCCCGCTGCTGGGCACCTGGCTGCTGTTTCTACACAGGTCATGACCTCTTCCAGCAG
TCCTCATAAACCCCTGTGGGGAGTGCCCATCCCTGGCCAGAGCCCCAGCTCCAGCCCTGCACAGGCC
CCGACGCTCCGCCAGGGCTGTTCTACCTGCTGGTGTGGTGCCCATCACCTGTGCTCTGCTGCAGCTC
TTCACCTGGTCCAGTTCAGCTGCATGGGAGACGCTGCACATGGTCAAGGCCAGCGCCAGAACCTG
TCACAGGCCAAACCCTGGATGTTAAGATGGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_024789

Insert Size: 1554 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_024789.3](#)

RefSeq Size: 2834 bp

RefSeq ORF: 1554 bp

Locus ID: 79847

UniProt ID: [Q14CX5](#)

Cytogenetics: 10q24.32

Protein Families: Transmembrane

MW: 57.4 kDa