

Product datasheet for **SC125910**

TMEM31 (NM_182541) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM31 (NM_182541) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM31
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_182541 edited

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AGGCAGTTGCGGTTGCAGGAGTTCAGGAAAGGAGGTGGGACTAGAGTCAACCTGGAATA
GCTCTACAGTAACAATGGCAGCCTTTTTGTTGCTGGGACATCCATACAGGCAACTTAGCT
GGTGAAAGGACTCTGGATTGGTTGGCAGTCTGCTTTTTTTTTTCCAAGGTGATCACTTT
ACTGTAGAAGAAATGAGGTTAACAGAAAAGAGTGAGGGAGAACAACAACCTCAAGCCCAAC
AACTCTAATGCACCCAATGAAGATCAAGAAGAAGAAATCCAACAGTCAGAACAGCATACT
CCAGCAAGGCAGCGAACACAAAGAGCAGACACAGCCATCCAGATGTCGATTGCCTTCA
CGTAGGACACCTACAACATCCAGCGACAGAACGATCAACCTTCTTGAAGTCCTCCGTGG
CCTACTGAGTGGATTTTCAACCCCTATCGATTGCCTGCTCTTTTGAAGCTTTATCCTGAA
TTTCTTCTGGTGTAAAGAAGCCTTCCATGACATATCCATTGTCTGAAAGCCAGATG
GAAAAGATCGGACTGCCATCATACTCCACCTCTTCGCACTCTCCACCCTCTACTTCTAC
AAGTTTTTCCTTCTACAATTCTTCCCTTTCTTTCTTTATTCTTCTTGTACTTCTGCTT
TTTATTATTGTCTTATTCTGATCTTCTCTGATTCTTTGTTTCAATAAACAGCAATGA
GCAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_182541 unedited
 GTCAGAATTTGTATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATACATTATA
 CGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGGCAGTTG
 CGGGTTGCAGGAGTTTCAAGAAAGGAGGTGGGACTAGAGTCAACCTGGAATAGCTCTACAG
 TAACAATGGCAGCCTTTTTGTTGCTGGGACATCCATACAGGCAACTTAGCTGGTGAAGG
 ACTCTGGATTGGTTGGCAGTCTGCTTTTTTTTTTCCAAGGTGATCACTTTACTGTAGAA
 GAAATGAGGTTAACAGAAAAGAGTGAGGGAGAACAACTCAAGCCCAACAACTCTAAT
 GCACCCAATGAAGATCAAGAAGAAGAAATCCAACAGTCAGAACAGCATACTCCAGCAAGG
 CAGCGAACACAAAGAGCAGACACAGCCATCCAGATGTCGATTGCCTTCACGTAGGACA
 CCTACAACATCCAGCGACAGAACGATCAACCTTCTGAAGTCTTCCGTGGCCTACTGAG
 TGGATTTTCAACCCCTATCGATTGCCTGCTTTTTTGAAGTCTTCCGTGGCCTACTGAG
 GTGTTTAAAGAAGCCTTCCATGACATATCCATTGTCTGANAGCCAGATGGAAGATC
 CGACTGGCCATCATACTCCACCTCTTCGACTCTCCACCCTCTACTTCTACAAGTTTTTC
 CTTCCCTACANTCTTNNCCTTTCTTCTTATTCTTCTGGAATCTGCTCTTTATAATTG
 GCTCCATTCGGATACTCTCTGATTCTTTTTGTTCCATAAACGCGAGTGAAGCAAAAAA
 AAAAAAACTCCTCAGCGCTGGATCCGGGCCTTAAGGGCTGATCTTTCGAGGGGGGCC
 CGGTACCGATATCAGGCTGGTCACTCCTAAATGGCGGCGCGGTC

Restriction Sites:

NotI-NotI

ACCN:

NM_182541

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_182541.1](#), [NP_872347.1](#)

RefSeq Size:

738 bp

RefSeq ORF:

732 bp

Locus ID:

203562

UniProt ID:

[Q5JXX7](#)

Cytogenetics:

Xq22.2

Protein Families:

Transmembrane