

Product datasheet for SC316612

TMEM131 (NM_015348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM131 (NM_015348) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM131
Synonyms:	CC28; PRO1048; RW1; YR-23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316612 representing NM_015348. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGGAAGCGGGCGGGAGGAGGAGCAACCGGAGCCACCACCGCCCGCTCTCCACGTCCGCCGGGGCC
 GGGCTGGAACCTGCGGCCGCCGTAGCGGGGGCCCGGGAGCGCGGCCCGCCGCTCCTAGGCGCGCTG
 CACCTGGTGATGACCCTCGTAGTGGCTGCGGCGCGGGCCGAGAAGGAAGCATTCTGTCAGTCAGAGAGC
 ATAATAGAAGTACTGCGTTTGTATGATGGAGGGCTACTACAGACCGAGACAACACTTGGACTCAGTTCA
 TATCAGCAGAAAAGTATATCTCTACCGGGGAATTGCAGGCCCATACGATTTGAGCCACCAATGCTG
 GATTTCCATGAACAACCGTTGGAATGCCAAAATGAAAAAGTCTACTTACATAATCCTAGTTCTGAA
 GAAACGATTACTTTAGTATCAATATCTGCTACAACATCACATTTTCATGCATCATTTTTTCAAAATAGG
 AAAATTCTTCCAGGAGGAAATACATCATTTGATGTAGTTTTTCTTGAAGAGTAGTAGGAAATGTAGAA
 AATACTTTATTTATTAATACATCTAATCATGGGTATTTACTTACCAGGTATTTGGTGTTGGAGTTCCA
 AATCCATATCGATTGAGGCCGTTCTTGGGGCCAGAGTCCCTGTGAATAGCAGTTTCTCACCTATAATA
 AACATCCACAATCCTCACAGTGAGCCTTTACAGTTGTAGAAATGTACTCTAGTGAGGAGACCTTCAC
 CTAGAATCCCAACGGGTCAACAAGGAGGTACCAGAAAATGTGGGAAATTCCTCCTTATGAAACCAAG
 GGAGTGATGAGAGCCAGTTTTTCATCTAGAGAAGCAGATAATCACACAGCCTTCATAAGAATAAAGACT
 AATGCTTCAGACAGCACAGAGTTTATCATTCTTCTGTTGAGGTTGAAGTTACAACAGCTCCTGGAATT
 TATTCCTCAACTGAAATGTTAGATTTTGGTACACTAAGAACACAAGATCTACCAAAAGTTTTAAACCTT
 CATTTATTAATTCAGGAACAAAAGATGTACCAATAACAAGTGTTGACCTACACCACAAAATGATGCT
 ATAACGGTACACTTTAAACCAATTACATTTAAAGCATCAGAAAGTAAATACACCAAGGTTGCAAGCATT
 AGTTTTGATGCATCGAAGGCAAAAAAGCCATCTCAGTTTTCTGGGAAAATAACAGTTAAAGCAAAGGAA
 AAGAGTTATTCTAACTTGAAATACCATATCAAGCAGAAGTTTTAGATGGTTATTTGGGATTTGATCAT
 GCTGCAACATTATTTACATCCGAGACAGCCCTGCTGATCCTGTGGAAGGCCAATTTACCTTACTAAC
 ACTTTAGTTTTGCGATCCTCATTACGATGTGTTGCTACCAGAAGAAGCCAAAACAATGTTTAAAGTT
 CACAATTCAGCAAAACAGTCTTAATTCTCTAATGAATCAGGATACATTTTTACCTGCTTTTATG


[View online »](#)

CCTTCCACATCATCCATGCACATTGATAACAACATTTTACTTATTACCAATGCTTCTAAATTTTCATTTA
 CCCGTGCGGGTATACACAGGCTTTTGTATTGCCCCCAAAATAGAGGAACGTTTCATA
 GATTTTGGAGTACTGAGTGCTACAGAAGCAAGTAATTTTATTGCAATTATAAACAGCAATCCAATT
 GAGTTGGCTATAAAAAGTTGGCATATCATAGGAGACGGTTTATCAATAGAACTTGTAGCTGTGGAAGA
 GGCAATAGAACTACAATAATTTCAAGCCTGCCAGAGTTTGAAAAATCCTCTTTATCAGATCAATCATCG
 GTAACATTAGCTTCAGGCTATTTTGCAGTCTTCAGAGTCAAACCTACTGCAAAAAATAGAGGGGATT
 CATGATGGAGCCATCCAGATCACAACAGACTATGAGATCCTGACAATCCCTGTGAAGGCTGTGATTGCA
 GTAGGCTCACTGACCTGCTTCCCTAAGCAGTGGTTCTTCCACCTTCCTTCCAGGGAAAAATAGTTCAT
 CAAAGTTTAAATATTATGAATTCCTTCTCACAGAAGGTAAAAATACAGCAAAATACGATCTTGTGAGAA
 GATGTGCGATTTTACTATAAACGATTACGGGGCAATAAGGAAGACTTGGAGCCAGGAAAAAATCAAAG
 ATTGCAACATTTATTTTATCTGACTACAGTGTGGGATCATTGCTATGTTGGCTTGCCTTTTCTA
 TCCAAATCTGAACCCAAAGTGCAGCCTGGTGTAGCCATGCAGGAAGATATGTGGGATGCTGACTGGGAT
 TTGCATCAAAGCCTGTTCAAGGGATGGACAGGAATAAAGGAAAATTCAGGTCATAGATTGAGTGTCTATA
 TTTGAAGTAAATACAGACCTTCAAAAAATATAATATCAAAAATCACTGCTGAGCTCTCCTGGCCTTCC
 ATACTTAGCTCACCCGGCACTTGAATTTCCACTTACTAATACAACTGCTCCTCAGAAGAAGAGATT
 ACTTTAGAAAATCCTGCAGATGTTCTGTCTATGTTCACTTTATTCTCTGGCTTATATTCCAACCTC
 TCAGTGTGTAGATAAGTTAGTATCAAGGTTTAACTTGAGTAAGGTGGCAAAGATAGATTTGAGAACA
 CTAGAATTTCAAGTCTTCAGAAACAGTGCTCATCCACTGCAGAGTTCAACAGGATTTATGGAGGGCTC
 TCTCGACATTTAATTTTAAACCTAATTTTAAACCTGGAGAAAAGAAATCTGTCAAAGTAAAGTTTACT
 CCAGTTCACAACAGAAGTGTCTTCACTTATCATAGTCAGAAATAACCTGACTGTGATGGATGCTGTG
 ATGGTCCAAGGACAAGGAACAACTGAGAACTTGAGGTGGCAGGCAAGCTTCCAGGTCCAGGAAGCTCC
 TTACGCTTTAAATCACGGAAGCATTGTTAAAGATTGTACAGATAGTTTAAACTAAGAGAACCAAT
 TTCACATTGAAAAGAACATTTAAGGTAGAGAATACAGGACAACCTCAAATTCACATAGAAACCATGAA
 ATCAGTGGAATACTCATGTGAAGGATATGGCTTTAAAGTTGTTAATTGTCAAGAGTTTACTCTAAGTGC
 AATGCTCTAGAGATATAATCATATTGTTTACTCTGATTTTACAGCTTCTAGAGTTATTCGGAAGCTG
 AAGTTTATAACAACAGTGGCTCTGAGTTTGTATTATATTGAATGCATCCCTTCCTTACCATATGTTA
 GCAACCTGTGCAGAAGCCCTACCCAGACCTAAGTGGAACTGGCTCTGTATATCATCTCAGGAATA
 ATGAGTGCAGTGTCTTTTGGTCATTGGAACAGCCTATTTGGAAGCTCAAGGAATATGGGAGCCATTT
 CGAAGGCGGCTATCCTTTGAGGCCTCGAACCCGCCCTTCGATGTGGGAAGGCCATTTGATCTCAGGAGA
 ATCGTTGGTATTTTATCTGAAGGAACTGAACACACTCAGCTGTGACCCCGGTACAGTAGGGGGTTC
 TGTGGAGCAGGCGGTTTATCATCCCGACCCAGTGCCGGGAGTCATAAGCAGTGTGCCCCATCGGTCCAC
 CCACACAGCAGTCACAGCAATAGAACTCAGCTGACGTGGAAGACGTGAGAGCCAAAAACAGTTCAGT
 ACCTCTAGTAGGACTTCTGCTCAAGCAGCTTCTTACAGTCTGCTAACAAAAACAAGCCCCCTTGTCTTA
 GATTGCAACACAGTGAAGTCAACAGCGGGCAGAAAGTCCAAAGGGGCAAAGCAGAGCCAGCAC
 GGCAGCCAGCACCATGCCACAGCCCGTGGAGCAGCACCTCAGCCTCCTCTGCCACCGCCAGTGCCT
 CAGCCCCAGGAGCCGAGCCTGAAAGGCTGTCTCCCGCCCCCTCGCACACCTTCCCACCCAGAACGT
 GCCAGCAGCGGAGGCACAGTTCGAGGACTCGGACATCACCAGTCTCATAGAAGCCATGGACAAAGAC
 TTCGACCACCATGACTCCCCAGCCCTAGAAGTGTTCACAGAGCAGCTCCATCGCCATTGCCAAAAAGC
 AAAGGGAAAGGAAAAACCTCTTCAGCGCAAGGTGAAACACCTAAGAAGCAAGAGGAAAAGGAGAAGAAG
 GGAAGGGGAAAGCCACAGGAAGATGAGCTGAAGGACTCTTTGGCTGATGATGATAGCTCCTCCACCACC
 ACAGAGACCTCCAACCTGACACAGAACCGCTCCTCAAGGAGGATACAGAAAAGCAAAAGGAAAAACAA
 GCCATGCCTGAAAAACATGAAAGTGAAATGTCTCAAGTGAAGCAAAAAGCAAAAACTCTTAAATATT
 AAGAAAGAAATCCCAACAGATGTGAAACCCAGTTCATTAGAACTACCATATACTCCCCCTTTGAAAGT
 AAGCAACGTAGAAATCTCCAAGCAAGATTCTCTTCAACTGCAATGACAAGTGGATCCAAATCACGA
 AATGCCAGAAAAACAAAGGTACAAGTAAGTTAGTGGATAACAGACCACCTGCCCTAGCAAAATTCCTC
 CCGAATAGTCAAGAATTAGGCAACACCAGTAGCTCAGAGGGTGAAAAAGACTCTCTCCACCGGAGTGG
 GATTCCGTTCCAGTTCACAAACCTGGCAGCTCTACTGATAGTCTTTATAAACTTTCTCTGCAAAACCTC
 AACGCAGACATTTTCTTAAACAAACGCCAGACCTCACCGACACCTGCTTCCCCGTCTCCCCAGCTGCC
 CCCTGCCCTTTGTGGCCCGGGGAGCTACAGCAGCATCGTCAACAGCAGCTCCAGCAGTGACCTAAA
 ATAAAAACGCCAAATGGAAGCAACACAAGTTGACAAAGGCAGCCTCGCTCCCGGCAAGAACGGCAAC
 CCCACTTTTGTGCTGAGTCACGGCTGGCTACGACAAGAGCCAGGTGGGAATGGCTTTGCTAAAGTTTCT
 TCAACAAAAACAGGTTTCTCCAGCAGCCTTGGCATTTCACACGCTCCTGTTGACAGCGATGGCTCAGAC

```

AGCTCGGGTTTGTGGAGTCCCGTCAGCAACCCAAGCAGCCCTGACTTCACTCCCCTCAATTCGTTCTCC
GCCTTTGGAACTCTTTTAATCTAACTGGTGAAGTTTTTCAGAACTCGGATTATCTCGATCGTGAAT
CAGGCCTCACAGAGGAGCTGGAACGAGTTTAATAGTGGCCTTCATACCTTTGGGAGTCGCCAGCGACA
GATCCAGTCCTTCTGGCCAGCCAGTTCCGGCTCCCCGACCCACACAGCCACATCGGTCTCGGTAAAC
ACCAGCGGCCTGTGGTCCACCACTCCATTCAGCAGCTCCATTTGGTCCAGCAACCTTAGCAGCGCCCTT
CCCTTCACCACTCCAGCAACACGCTGGCAAGCATCGGCCTCATGGGCACAGAAAACCTCCCTGCTCCT
CACGCTCCCTCCACCTCCAGTCCAGTCCAGTGGGACAGACCTACAACCCGTGGCGGATATGGAGC
CCCACGATTGGAAGAAGAAGCTCGGACCCCTGGTCTAATTGCGACTTTCCTCACGAGAATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_015348
Insert Size:	5652 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:	<u>NM_015348.1</u>
RefSeq Size:	6657 bp
RefSeq ORF:	5652 bp
Locus ID:	23505
UniProt ID:	<u>Q92545</u>
Cytogenetics:	2q11.2
Protein Families:	Transmembrane
MW:	205.1 kDa
Gene Summary:	May play a role in the immune response to viral infection.[UniProtKB/Swiss-Prot Function]