

Product datasheet for **SC319877**

TMEM199 (NM_152464) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM199 (NM_152464) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM199
Synonyms:	C17orf32; CDG2P; VMA12; VPH2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_152464.1

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GCTAGATATGGCGTCCTCTTTGCTTGCGGGCGAGCGATTGGTGCGTGCTTTGGGCCCCGG
CGGGGAGCTGGAGCCAGAGCGGCTACCCGAAAGCTGCGGGCCGAGCTTGAGGCCGCGCT
GGGGAAGAAGCACAAAGGCGGTGATAGCTCCAGTGGCCCCAACGCTTGTTTCTTTCCG
TCTCATCCGGATCTGCACCAGCATCTGAGAGAAAGGATTCCAACTATACCTCCATGA
GCTCCTAGAAGGCAGTGAAATCTATCTCCAGAGGTTGTGAAGCCTCCACGGAACCCAGA
ACTAGTTGCCCGCTGGAGAAGATTAAGATACAGCTGGCCAATGAGGAATATAACGGAT
CACCCGCAACGTCACCTTGTGAGGATACAAGACATGGTGGGACTCTCAGCGACCTGGGAAA
GCAAGTGAGATCATTGAAGGCTCTGGTCATCACCATCTTCAATTTTATTGTCACGGTGGT
TGCTGCCTTCGTCTGCACTTACCTTGAAGCCAATATATCTTACAGAAATGGCCTCGCG
GGTGCTAGCTGCATTGATCGTCGCTCTGTGGTGGTCTGGCCGAGCTGTATGTCATGGT
GCGGGCAATGGAAGGCGAGCTGGGAGAACTGTAAGTGGTCTTCATCATCAAGCTAGAG
AAGACTTTGGGGGCTTCAGGCTCCAATTGGCAGTCACCGACTCAGTCAACCCATCAGACT
TTTTGTATTAGCTCCAGTTAGTCAGAAGACCAGCCAGGCCAGCTGCTGTTTCTGTGGG
GAGCCCTAATCTTCTGTGAATTTCCAAAGGGAGCATTGGAGGAGATTGAGATAACACATC
TTTAAACAGAAAGAACTGGTCTTGGTCTATCAGTACCTCTTCTGAATCTGGTACCCAT
CTGCCTTCTCCAGTTCATTCTAAACACTGCTGGGACTAGGGTTTTTCCATCAGGAGCAAA
TGGAATCCAGGCCTTCCAGAAAGTAGACCATACTGCCTTGAACCTGTCCATATGTACAAA
CTAATCACCAGCTTTCTCCATACATTTTAAATGCAGACCTGTAATTGAGTTCAGAACGCT
CCAAGAAAACAGAAAGGATCCCTTTCTCCAGTTTGTGCTGGAAGAGGAGCTGATCAGAG
ACATCAAATAAGAGAAAGATGGGTTGCTAGAGGATGGTGAAGTGAAGCAAGGCAGCTA
CCTTTTTCAGAAAGGAAATGGTGTAGGCCCTTTTCCAGAAAGATAAGACAGACTCATAG
AGATTAATGATCACTATGGTCTTCTTCTGTTAAATGGAGCCAAAGACGCCTATGTTGT
TCTGAAGTCTTGAATGTTTAACTTCTGAGAACTAGATTAGTGGTGTGATGATAGAGTC
TGTATAACGCATTGAAAAGGGTATCAGGCTTAGTTATTTATCCAATAAATATTTATTGTA
TGCAGGGTAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	Please inquire
ACCN:	NM_152464
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_152464.1</u> , <u>NP_689677.1</u>
RefSeq Size:	1466 bp
RefSeq ORF:	627 bp
Locus ID:	147007
UniProt ID:	<u>Q8N511</u>
Cytogenetics:	17q11.2
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) in some human cells. The encoded protein shares some homology with the yeast protein Vma12. Defects in this gene are a cause of congenital disorder of glycosylation, type IIp. [provided by RefSeq, Mar 2016]