

Product datasheet for **SC102953**

TMEM199 (BC033113) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM199 (BC033113) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM199
Synonyms:	C17orf32; MGC45714; transmembrane protein 199
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102953 sequence for BC033113 edited (data generated by NextGen Sequencing) ATGGCGTCCTCTTTGCTTGCGGGCGAGCGATTGGTGCGTGCTTTGGGCCCCGGCGGGGAG CTGGAGCCAGAGCGGCTACCCCGAAAGCTGCGGGCCGAGCTTGAGGCCGCGCTGGGGAAG AAGCACAAAGGCGGTGATAGCTCCAGTGCCCCCAACGCTTGTTTCTTTCCGTCTCATC CGGGATCTGCACCAGCATCTGAGAGAAAGGATTCCAACTATACCTCCATGAGCTCCTA GAAGGCAGTGAAATCTATCTCCAGAGTTGTGAAGCCTCCACGGAACCCAGAACTAGTT GCCCCGGCTGGAGAAGATTAAGATACAGCTGGCCAATGAGGAATATAAACGGATCACCCGC AACGTCACCTTGTCAGGATACAAGACATGGTGGGACTCTCAGCGACCTGGGAAAGCAAGTG AGATCATTGAAGGCTCTGGTCATCACCATCTTCAATTTTCATTGTCACGGTGGTTGCTGCC TTCGTCTGCACTTACCTTGAAGCCAATATATCTTACAGAAATGGCCTCGCGGGTGCTA GCTGCATTGATCGCTCGCCTCTGTGGTGGTCTGGCCGAGCTGTATGTCATGGTGCGGGCA ATGGAAGGCGAGCTGGGAGAAGTAA Clone variation with respect to BC033113.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033113 unedited <pre> GTCAGAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTAGATATGG CGTCCTCTTTGCTTGC GGCGAGCGATTGGTGCGTGCTTTGGGCCCCGGCGGGGAGCTGG AGCCAGAGCGGCTACCCGAAAGCTGCGGGCCGAGCTTGAGGCCGCGCTGGGGAAGAAGC ACAAGGGCGGTGATAGCTCCAGTGGCCCCAACGCTTGTTTCTTCCGTCTCATCCGGG ATCTGCACCAGCATCTGAGAGAAAGGGATTCCAACTATACCTCCATGAGCTCCTAGAAG GCAGTGAATCTATCTCCAGAGTTGTGAAGCCTCCACGAACCCAGAACTAGTTGCC GGCTGGAGAAGATTAAGATACAGCTGGCCAATGAGGAATATAAACGGATCACCCGCAACG TCACTTGTCAGTAGAGACCAGTTGGCCAGGCTGGTCTTGAAGTCCAGCCTCAAGGTGA TCCTCCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAAGGATACAAGACATGGTGGGACT CTCAGCGACCTGNGAAAGCAAGTGAGATCATTGAAGGCTCTGGTCATACCATCTTCAAT TTCATTGTACGGTGGTGTGCTGCCTTCGTCTGCACTTACCTTGAAGCCCATATATCCTC ACAGAAATGGCCTCGGGGTGCTAGCTGCATTGATCGTCGCTCTGTGGTGGGTCTGGCC GAGCTGTATGTCATGGTGGCGGCAATGAAAGGCGAGCTGGGAGAACCTGTACTGTTGCC NCATCATCAAGTCTAGAGGAGACTTGGGGGCTTCAGGCTCCATTGTCAGTCCCCGACTCA ATCACCTTCAGATTTTGGATTAGCTCCATTTAGTCAGAGACCACCCAGCCAGCTGT TGTCTGTGGGGAGCCCTAACTCTGGAATCCCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC033113
Insert Size:	3500 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).
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:	BC033113.1 , AAH33113.1
RefSeq Size:	1466 bp
RefSeq ORF:	627 bp
Locus ID:	147007
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]