

Product datasheet for SC315745

TMEM183B (NM_001079809) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM183B (NM_001079809) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM183B
Synonyms:	C1orf37-DUP; C1ORF37DUP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315745 representing NM_001079809. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCCCGGGGGCCCGCCCGCTAGGCAGGCCTCGCCCCGATACGGTCGCCATGCCCAAGAGAGGAAAG
 CGACTCAAGTTCCGGGCCACGACGCCTGCTCCGGCCGAGTGACCGTGCGGATTACGCCGACTCGGAT
 CTGGCGGTCTGAGGTCTGGACGAGTCAAGAAAGCCGTAGCCAACGCTGTTCCGGCAGGAAGTAAATCT
 CTTTGTGGCTTGAAGCCTCTCAGGTTCTGCAGAGGAAGCTCTTCTGGGGCTGGTGAGCCCTATGAC
 ATCATCGACAGCAGTGATGAGATGGATGCCCAGGAGGAAAACATCCATGAGAGAACTGTCTCCAGAAAA
 AAGAAAAGCAAGAGACACAAAGAAGAACTGGACGGGGCTGGAGGAGAAGAGTATCCCATGGATATTTGG
 CTATTGCTGGCCTCTATATCCGTCCTGAGGACATTGTGAATTTTCCCTGATTTGAAGAATGCCTGG
 ACTGTCACTTGCACTGCTGCCTTTGGACCAGGTTGTACCGAAGGCACTACACGCTGGATGCTTCCTCG
 CCTTTGCGTCTGCGACCAGAGTCAATGGAGAAGCTGCACTGTCTCCGGGCTTGTGTGATCCGATCTCTG
 TACCATATGTATGAGCCATTTGCTGCTCGAATCTCCAAGAATCCAGCCATTCCAGAAAGCACCCCGAGC
 ACATTAAAGAATTCCAAATGCTTACTTTTCTGGTGCAAAAGATTGTTGGGAACAGACAGGAACCAATG
 TGGGAATTCAACTTCAAGTTCAAAAAACAGTCCCTAGGTTAAAGAGCAAGTGTACAGGAGGATTGCAG
 CCTCCCGTTCACTACGAAGATGTTTCATACCAATCCAGACCAGGACTGCTGCCTACTGCAGGTCACCAAC
 CTCAATTCATCTTTATCCGATTGTGATGGGAATGATATTTACTCTGTTTACTATCAATGTGAGCAGC
 GACATGCGGCATCATCGAGTGAGACTGGTGTCCAAGATTCCCTGTCCATGGTGGTTCGGAACCTGCGC
 AGTGAACAGGGTGTGCAAGTCATCCTGGACCCAGTGCACAGCGTTTCGGCTCTTTGACTGGTGGCATCCT
 CAGTACCCATTCTCCCTGAGAGCG**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001079809
Insert Size:	1131 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:	<ol style="list-style-type: none"> 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_001079809.1</u>
RefSeq Size:	1706 bp
RefSeq ORF:	1131 bp
Locus ID:	653659
UniProt ID:	<u>Q1AE95</u>
Cytogenetics:	3q25.1
Protein Families:	Transmembrane
MW:	42.9 kDa
Gene Summary:	This locus was thought to represent a pseudogene of chromosome 1 open reading frame 37 because it is intronless and retains a polyA tail at the 3' end. It does however contain a complete open reading frame that subsequent research has demonstrated to be transcribed in a limited number of human tissues. The encoded protein may represent a transmembrane protein associated with cell membranes and be involved in cell-cell or cell-environment interactions. [provided by RefSeq, Jul 2010]