

Product datasheet for SC324136

TMEM187 (NM_003492) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TMEM187
Synonyms:	CXorf12; DXS9878E; ITBA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003492.2 ATTTCCCCAGCGAGGCGAGTGAGGCGAAATACCCGTATGGTGATAGCTGGCCTTTTCGC
GCCAATACTGAAAAAGGCAGAACGTTCTCCGCTGGCGCCAGCCAATCAGCAGGACTCCT
GCCTTCTCTCGGGGCAAGGTCGACGATCTGCCTCGGAAATCACGAAATCACGGGGCTTC
TTTCTGCTGGCTCAGCCGGGAGGCCAGAGTGTTCTGCAGAGGCTGCGTATTGAAGGCTG
CTCTCTGAAGCTCCCTGCCCCAGGTACGCCGCCGGTTCAGATGAATCCAGAGTGGGGG
CAGGCCCTTCGTGCACGTGGCCGTGGCCGGTGGCCTCTGTGCCGTGGCTGTGTTACGGGC
ATTTTCGACAGTGTTCCGTGCAAGTGGGCTATGAGCACTACGCCGAGGCGCCCGTGGCC
GGCCTCCCTGCCTTCTGGCCATGCCGTTCAACTCACTCGTGAACATGGCCTACACGCTG
CTGGGGCTGTCTGGCTGCACAGGGGCGGCGGATGGGGCTGGGTCCCCGCTACCTGAAG
GACGTGTTTCGACAGCATGGCCCTGCTCTATGGCCCCGTGAGTGGCTGCGCCTGTGGACG
CAGTGGCGCCGTGCGCGGTGCTGGACAGTGGCTCACACTGCCCATCTTTGCATGGCCC
GTGGCCTGGTGCCTCTACCTAGACCGCGGCTGGCGGCCCTGGCTGTTCTCTCTTGTAG
TGCGTCTCCCTGGCCAGTTATGGCCTCGCTCTGCTGCATCCCAGGGCTTCGAGGTCGCA
CTGGGTGCTCACGTGGTGGCCGCTGTGGGCAGGCGCTGCGCACCCACAGGCACTATGGC
AGCACCACTCGGCTACCTACTTAGCTTTGGGGTGCTCTCTTGCCTGGGCTTTGTGGTC
CTCAAGCTGTGTGACCATCAGCTCGACGGTGGCGTCTCTTCCAGTGCCTCACAGGCCAC
TTCTGGTCCAAGGTCTGTGACGTGCTCCAGTTCACATTTGCGTTTTTGTCTGACGCAT
TTCAACACTCACCAAGATTCCATCCCTCTGGCGGGAAGACGCGTTGAACCCAGGGAAGA
ACCTGCTGAAAACCGATGACCCCGAGCATTGAAATGGACTCTGAGATGGCAGCGTGGTGC
CAGTGTGACACATCCTGTGTGTGATGATATGCACTGATCACACAAGACTGCCCTTTCCTG
AGAAGTGCGGGCTTCGGTGTGGAGGGGTGGAGTGTGTGATCTCGACAACCTACTTTCA
AAGACATAAAGCACAGATCTCCGCACAGGGGATGTGTGTTCCTGATGAATTTGCATA
ACTTTTCTGTAGTTTGAATGTTTCAAATAAATATTGGCAAGGGGAGTGGAAATGACAC
CAAGAAGCCCTCATGCTCATGTTGGACAGAGAAAAAAAAAAAAA

Restriction Sites: EcoRI-NOT



ACCN:	NM_003492
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_003492.2</u> , <u>NP_003483.1</u>
RefSeq Size:	1682 bp
RefSeq ORF:	786 bp
Locus ID:	8269
UniProt ID:	<u>Q14656</u>
Cytogenetics:	Xq28
Protein Families:	Transmembrane
Gene Summary:	This gene consists of two exons and encodes a multi-pass membrane protein. An alternatively spliced transcript variant encoding the same protein has been found, but its biological validity is not determined. [provided by RefSeq, May 2010]