

Product datasheet for **SC321434**

TMEM125 (NM_144626) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM125 (NM_144626) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM125
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_144626.1
 GTGCCCCACCTGCTCGGCCCTGCCTTCTCGGATCGGATCCAGCACATCCAGGCTTCTCCT
 CCTCCCGAGGAACCAAGTGGTGACAGCTGAGGCCATGTGAGTAGGATCCTGAATGAGGCTT
 TATCTCTGGCTGTTCTGTCCTCGTCCACCGTGGCACCAGCTCCCTCAGCCAGCCGGGAT
 GGGACCAGCGACTGAGAGAGCCAGAGGCAGAGAGGTGAGGGTGACCATATCCTGGACTGT
 GAGAGGAATGGGACTCTGGGCTGTAGCTGCCAAGCAGGTGGCAGGTGCTCCAGGCTGTG
 ATCTGCACCCCTGACCCCTGACATTGACCTCCTACCTGACCCCTGCCTGACCAAGCCA
 TGTCTGAACAGGAGGCTCAAGCCCCAGGGGGCCGGGGGCTGCCCCCGGACATGCTGGCAG
 AGCAGGTGGAGCTGTGGTGGTCCAGCAGCCGCGCGCTCGGCGCTCTGCTTCGTCTGTG
 CCGTGGGCTCGTGGCAGGCTGTGGCGCGGGCGGCGTGGCACTGCTGTCAACCACCAGCA
 GCCGCTCAGGTGAATGGCGGCTAGCAACGGGCACTGTGCTCTGTTTGTGGCTCTGCTGG
 TTCTGGTGAAACAGCTGATGAGCTCGGCTGTGCAGGACATGAAGTGCATCCGCCAGGCCC
 ACCATGTGGCCCTGCTGCGCAGTGGTGGAGGGGCCGACGCCCTCGTGGTGTGCTCAGTG
 GCCTCGTGTGCTGGTCAACGGCCTGACCTGGCCGGGCTGGCCGCCGCCCTGCCCTG
 CTCGGCCGCTGGCCGCCATGCTGTCTGTGGCATTGCTCTGGCTGCCTTGGGCTCGCTTT
 TGCTGCTGGGCTGCTGTGTATCAAGTGGGTGTGAGCGGACACTGCCCTCCATCTGTA
 TGGCACTCCCTCCACCCACAGTGGCCATGGCGGCCATGGCAGCATCTTCAGCATCTCAG
 GACAGTTGTCTGCTGGCCGGCGTCACGAGACCACATCCAGCATTGCCAGCCTCATCTGAC
 GGAGCCAGAGCCGTCCTTCTCTCACAGCGGCCTCAGCGTCCCCAGAGCCGAGCCAGGGT
 GTGAGTGCATGTGAACGTTGAGTACACATGAGTGCCTGTATGCCCCAGGCTGGGTGAGC
 TCTTCTGTGGATTGCATGGCGTGTGATTAAGAGCCCATGTGTTCCACACATCCACATCA
 TGGGAAGGTTAATGTGTGCCTCCTTGAACTGGGTGTTGGTGTCCATGGAATTCCTCTC
 TGTATCTCAGGTGAGTGGCGCAGAAACGCCTCATGATGAAGATTCTTGAGCCCCATTTC
 CAAGACCCCTCACATCCAATCCTGTCTGTAACATCCATCAAGGATTTCCATAGGGGTGA
 CTGGTGGCCACCAAGACTGCACCAAGTGCCTGCTCATTGAGGAGAGTAAGTGTGCCCAG
 GCAGAAAGAATATGGGCTCTGCAATGAGACAGACCTGGAGGGGACTCTCCCGTTGAGCAC
 TAGCAGCTGGAGGAGTTGGGAGTTCATGGCTATCATGGTTGTGTTAATCGATTGTGGGA
 TGAAATGTCATTGTGTATGGAAGCGGGGCTCATGGCTGATTGGCAATAAATGGCGGCT
 GCCGTTGTCATTGTCTCCAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_144626

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_144626.1, NP_653227.1</u>
RefSeq Size:	1655 bp
RefSeq ORF:	660 bp
Locus ID:	128218
UniProt ID:	<u>Q96AQ2</u>
Cytogenetics:	1p34.2
Protein Families:	Transmembrane