

Product datasheet for **SC315703**

TMEM150C (NM_001080506) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM150C (NM_001080506) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM150C
Synonyms:	TTN3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_001080506 edited</p> <pre> ATGGATGGGAAGAAATGCAGCGTATGGATGTTCTACCTCTTGTATTTACTTTGTTTACT TCAGCTGGATTGTGGATAGTATACTTCATAGCTGTGGAAGATGACAAAATTTTACCATTA AATTCAGCTGAAAGGAAACCTGGTGTGAAGCATGCACCATATATAAGCATTGCAGGTGAT GATCCTCTGCAAGCTGTGTGTTTAGTCAAGTTATGAACATGGCAGCCTTCTAGCCCTT GTGGTAGCTGTTCTGCGCTTCATACTGAAACCGAAGGTTTTAAACCGTGGCTGAAT ATTAGTGGATTGGTGGCTCTGTGTCTGGCTTCCTTCGGAATGACCTTACTTGGTAATTTT CAGCTCACAAATGATGAAGAAATCCATAACGTCGGAACCTCCTTGACCTTTGGATTGGC ACATTGACCTGCTGGATCCAGGCTGCGCTGACACTCAAGGTCAACATCAAGAATGAAGGA CGGAGAGTTGGAATTCACGGGTATTCTGTGCGCATCTATCACTCTCTGTGTGGTCCTC TACTTCATCCTCATGGCCAAAGCATCCACATGTATGCAGCCAGGGTCCAGTGGGGCCTG GTCATGTGCTTCTGTCTTATTTTGGCACCTTTGCCGTGGAGTTCCGGCATTACCGCTAT GAGATTGTTTGCTCTGAGTACCAGGAGAAATTTCTAAGCTTCTCAGAAAGCCTGTGAGAA GCTTCTGAATATCAGACTGACCGGTGTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001080506
Insert Size:	1400 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).



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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_001080506.1</u> , <u>NP_001073975.1</u>
RefSeq Size:	1888 bp
RefSeq ORF:	750 bp
Locus ID:	441027
UniProt ID:	<u>B9EJG8</u>
Cytogenetics:	4q21.22
Gene Summary:	This gene encodes a transmembrane protein component of a mechanosensitive ion channel that is activated by mechanical stimuli in various cell types and confers slowly adapting, mechanically activated currents in dorsal root ganglion neurons. Mechanically activated ion channels are sensors that are critical for hearing, touch, pain, and blood pressure regulation. [provided by RefSeq, Jul 2017]