

Product datasheet for MC210866

Tmem110 (NM_028839) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem110 (NM_028839) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem110
Synonyms: 1810038N08Rik; 2310014H19Rik; AW554125; STIMATE
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210866 representing NM_028839
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAAGGCCCGGAGGGAACTGAGCCGCGGATTGCCGAGCGGGCCGGCTCCACGGTCGCGTCCGGGG
 CGGGCCGCTGTGAGAGCGGCGCTCATGCACAGTTTCGGCATCTTCTGCAGGGGCTGCTCGGCGTCGT
 GGCCTTCAGCACATTGATGCTTAAACGCTTCAGAGAACCAAGCATGAAAGACGGCCGTGGAGGATATGG
 TTTTGTAGACTTCCAACAAGCCATAGGGATGCTCTTCACTTTGCAAATGTGTACCTAGCAGATC
 TCACTGAAGAGGACCCTTGTTCACTGTACCTCATCAACTTCTTCTGGACGCCACTGTAGGCATGCTGCT
 CATTATGTGGCGTACGCGCCGTCGGTGTCTTGGTGGAGTGGCAGCAGTGGGAATCCCTGCGTTTTGGA
 GAATATGGAGACCCTCTGCAGTGCGGGGCTGGGTAGGACAGTGCGCCCTCTACATCGTGATCATGATCT
 TTGAAAAGTCCGTGGTCTTCATCGTCTCCTCATACTCCAGTGGAAAAAGGTGGCCCTATTGAATCCAAT
 TGAAAACCCCGACCTGAAGCTGGCCATCGTCATGCTGATAGTCCCTTCTTTGTCAATGCTTTCATGTTT
 TGGGTAGTGGACAATTCCTCATGAGAAAGGGGAAAGACGAAAGCTAACTAGAAGAAAGAGGAGCCAACC
 AGGACTCAAGGAATGGGAGCAAGTTTCGCTACCGAAGGGCAGCATCCCATGAGGAGTCTGAGTCTGAGAT
 CCTGATCTCAGCTGACGACGAGATGGAGGAGTCTGACGCCGAGGAGGACCTCCGGAGACCTGTAAAAAG
 AAGCACCGCTTCGGGCTGCCTGT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028839
Insert Size: 867 bp



[View online »](#)

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:	<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:	NM_028839.4 , NP_083115.3
RefSeq Size:	3754 bp
RefSeq ORF:	867 bp
Locus ID:	69179
UniProt ID:	Q3UF25
Cytogenetics:	14 B
Gene Summary:	Acts as a regulator of store-operated Ca(2+) entry (SOCE) at junctional sites that connect the endoplasmic reticulum (ER) and plasma membrane (PM), called ER-plasma membrane (ER-PM) junction or cortical ER. SOCE is a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Acts by interacting with STIM1, promoting STIM1 conformational switch. Involved in STIM1 relocalization to ER-PM junctions. Contributes to the maintenance and reorganization of store-dependent ER-PM junctions.[UniProtKB/Swiss-Prot Function]