

Product datasheet for MC211004

Tmem147 (NM_027215) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem147 (NM_027215) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem147
Synonyms: 2010004E11Rik; 5033425B17Rik; Nifie14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211004 representing NM_027215
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGACCCTGTTCCACTTCGGGAAGTCTCGCCCTCGCCTACTTCCCTATTTTCATCACGTACAAATGCA
 GCGGCCTGTCTGAATACAACGCCTTCTGAAATGCGTCCAGGCCGGGGTACCTACCTCTTTGTGCAGT
 ATGCAAGATGTTGTTCTTGGCCACTTTCTCCCCACCTGGGAAGGTGGCATCTATGACTTCATTGGGGAA
 TTCATGAAGGCCAGTGTGGATGTGGCAGACCTGATAGGCCTAAACCTTGTGATGTCTCGGAATGCAGGCA
 AGGGGGAGTACAAGATTATGGTTGCTGCCCTGGGCTGGGCCACTGCTGAACCTATTATGTCCCGATGCAT
 CCCCTCTGGGTGGGAGCCCGAGGCATTGAATTTGACTGGAAATATATCCAGATGAGCATTGACTCCAAC
 ATCAGTCTGGTCCACTACATCGTTGCATCAGCTCAGGTCTGGATGATAACACGCCTATGACCTGTACCACA
 CCTTCCGGCCTGCTGTTCTCCTCCTGATGTTCTTAGTGTCTACAAGGCCTTTGTCATGGAGACCTTCGT
 CCACCTTCTCCTTGGGTAGTTGGACAGCACTGCTCGCCCGGCAGTAGTAACAGGACTGCTGGCCCTC
 AGCACCTTGGCCCTGTATGTTGCTGTTGCAATGTACACTC**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027215
Insert Size: 675 bp



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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:	<u>NM_027215.2</u> , <u>NP_081491.2</u>
RefSeq Size:	868 bp
RefSeq ORF:	675 bp
Locus ID:	69804
UniProt ID:	<u>Q9CQG6</u>
Cytogenetics:	7 B1
Gene Summary:	Acts as a negative regulator of CHRM3 function, most likely by interfering with its trafficking to the cell membrane (By similarity). Negatively regulates CHRM3-mediated calcium mobilization and activation of RPS6KA1/p90RSK activity (By similarity).[UniProtKB/Swiss-Prot Function]