

Product datasheet for MC227197

Tmem201 (NM_001284273) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem201 (NM_001284273) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem201
Synonyms: AV028368; D4Ertd429e; Net5; Samp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC227197 representing NM_001284273
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCAACTGCTGGTTCTGCAACCACGATACACTGGTGCCTATGGGAATCGCAACTGTTGGGACTGTC
 CCCACTGTGAGCAGTACAATGGCTTTCAAGAGAATGGAGACTACAACAAGCCAATCCCAGCACAGTACAT
 GGAACACCTGAACCACGTGGTGAGCAGCGTGCCAGTCCCCGGGACCCTGCACAGCCACAGCAGTGGGTG
 AGCAGCCAGGTCCTGCTGTGCCGAAGGTGCAGCCACCACCAGACCACCAAGATCAAGCAGCTGGCTGCTT
 TCACACCACGGGAGGAGGCGCTACGATGAGGAGATTGAGGTGTACCGCCACCATTGGAGCAGATGTA
 CAAGCTGTGCCGCCGTGCCAGGCGGCCGTCGAGTACTACATCAAACACCAGAACCGCCAGCTGCGTGCC
 CTGCTTCTCAGCCACCAGTTCGGCGCTCGGAGGCTGACCAGGCCATGGGCAGAGTTCAGTTCCTCGG
 CAGTGAAGGCCCATTCAGGTCACTCTGCTCCGTGCCCTGGCCTTCTGGCCTGTGCCTTCTTGTGTGT
 CACTACACTGTATGGGCCAGCGAACCTTACCCCGGGGGTGCCTTGCCCCAGCCCTACCTCCTGGG
 GGCAACAGTTCGCGGCTCGGACAACACCACTTCTCAGGCGGAGGGCTGGCAGCAGCTGCTGGGTCTAT
 TGCCTGAGCATGCCACAGAGAAGCTACATGAGGCTGGCCTTTGGGCAGAGCCACCAGACCAGCATTGT
 GGCAGTGGGCTGCTCACCTGCCTGCTGGCCATGCTGCTGGCTGGCCGTATCAGGCTCCGGCGGATCGAT
 GCCTTCCACCTGCCTTGGGCCCTGCTGCTGGGCTGCACCTGGCAGAGCATTATCTACAGGCTGCCT
 CACCCGGCTGGCTAGACACACTCAAGTTCAGTACCACGTCCCTGTGCTGCCTGGTGGGCTTACCCGAGC
 TGTGGCTACGAGGAAATCGACAGGCCACCGAGGTTCCGGCCCCGAAGGTGAGAGAAGCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001284273
Insert Size:	1047 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001284273.1</u> , <u>NP_001271202.1</u>
RefSeq Size:	3632 bp
RefSeq ORF:	1047 bp
Locus ID:	230917
UniProt ID:	<u>A2A8U2</u>
Cytogenetics:	4 80.15 cM
Gene Summary:	<p>Involved in nuclear movement during fibroblast polarization and migration (PubMed:22349700). May recruit Ran GTPase to the nuclear periphery (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains alternate 5' and 3' exon structure and initiates translation at a downstream start codon, compared to variant 3. It encodes isoform d, which is shorter and has a distinct C-terminus, compared to isoform c.</p>