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Product datasheet for MC228609

Tmem201 (NM_001284270) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem201 (NM_001284270) 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)

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Fully Sequenced ORF:

>MC228609 representing NM_001284270
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGGAGTGAGCGCGCTGCTGGCTAGCTGCCCCACCGCCGGCCTGGCGGGCGGCCTCGGGGTCACGG
CGTGCGCTGCCGCCGGCGTGGTGCTCTACCGGATTGCGCGGAGGGTGAAGCCAACACACACAATGGTCAA
CTGCTGGTTCTGCAACCACGATACACTGGTGCCCTATGGGAATCGCAACTGTTGGGACTGTCCCCACTGT
GAGCAGTACAATGGCTTTCAAGAGAATGGAGACTACAACAAGCCAATCCCAGCACAGTACATGGAACACC
TGAACCACGTGGTGAGCAGCGTGCCCAGTCCCCGGGACCCTGCACAGCCACAGCAGTGGGTGAGCAGCCA
GGTCCTGCTGTGCCGAAGGTGCAGCCACCACCAGACCACCAAGATCAAGCAGCTGGCTGCTTTCACACCA
CGGGAGGAGGGCCGCTACGATGAGGAGATTGAGGTGTACCGCCACCACTTGGAGCAGATGTACAAGCTGT
GCCGCCCGTGCCAGGCGGCCGTCGAGTACTACATCAAACACCAGAACCGCCAGCTGCGTGCCCTGCTTCT
CAGCCACCAGTTCCGGCGTCGGGAGGCTGACCAGGCCCATGGGCAGAGTTTCAGTTCCTCGGCAGTGAAG
GCCCCATTCCAGGTCATCCTGCTCCGTGCCCTGGCCTTCCTGGCCTGTGCCTTCTTGTTGTTCACTACAC
TGTATGGGCCCAGCGAACCCTTCACCCCGGGGGCTGCCTTGCCCCCAGCCCTACCTCCTGGGGGCAACAG
TTCTGCGGCCTCGGACAACACCACTTCTCAGGCGGAGGGCTGGCAGCAGCTGCTGGGTCTATTGCCTGAG
CATGCCACAGAGAAGCTACATGAGGCCTGGGCCTTTGGGCAGAGCCACCAGACCAGCATTGTGGCAGTGG
GCCTGCTCACCTGCCTGCTGGCCATGCTGCTGGCTGGCCGTATCAGGCTCCGGCGGATCGATGCCTTCTC
CACCTGCCTCTGGGCCCTGCTGCTGGGGCTGCACCTGGCAGAGCATTATCTACAGGCTGCCTCACCCGGC
TGGCTAGACACACTCAAGTTCAGTACCACGTCCCTGTGCTGCCTGGTGGGCTTCACCGCAGCTGTGGCTA
CGAGGAAATCGACAGGCCCACGGAGGTTCCGGCCCCGAAGGTACTTCTCCGGAGACTCTGCCAGCCTTTT
TCCTTCCAGCCCCAGCCTGGCTGTGCCCTACCCAAGTGTCACATCCTCGCCAGCATCCCTGTTCATCCCC
ACCCCACCTGGCTTCCTGCCTCTCACCAAGCAGCAGCTGTTCCGATCTCCCCGTCGGGTCTCCCCCTCCT
CACTGCCAGGCCGCCTCAGTCGGGCCCTCTCGCTGGGAACCATACCTCCTCTGACCCGGACTGACTCAGG
ATACCTGTTCAGCGGGAGCCGGCCACCGTCTCGGGTGTCTCCAGCAGGGGAGGTTTCTCTTTCAGATTAC
TTTTCTCTGCTGTCCAGCAGCTTCCCTGCTTCTCCCCTCCCTTCCCCAGCACCTTCCGTGGCCAGCTCCG
TGGCCTCCAGCTCTGGCTCCTTGCGCCACCGCAGGCCCCTCATCAGCCCTGCACGGCTCAACCTGAAAGG
ACAGAAACTGCTGCTGTTCTCATCCCCTGGGGAAGCACCAAATACCCCCAGCAGCTCAGAGGAGTTCTCG
CCACCCAACGGCAGCCTCTTCATTGAGTCTCCCCAGCTGCCACAGAGGAATCACACTCGGGACACAAAGC
ACACCATGGAGATGAGGTCGATGCTGGCCAGAGACAGCGCCCGCAGTAGCCACTCCATCAAGAAAGAGGA
CGAGTCGTCTCAGTCCTCCACCTGCGTCGTAGACACCACCACCAAAGGGTGCTCAGAGGAGACCACTCCC
TGGAAAGCTCGTGTCAGTCCCTCCCTGGTCCGGGGCCTCCTGGCTGTGAGTTTGGCAGTCAATGCTCTCT
TCACCTCGGCCTACCTGTACCAGAGCCTGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001284270

Insert Size: 1995 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.

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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:	NM_001284270.1, NP_001271199.1
RefSeq Size:	3737 bp
RefSeq ORF:	1995 bp
Locus ID:	230917
UniProt ID:	A2A8U2
Cytogenetics:	4 80.15 cM
Gene Summary:	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] Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (c). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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