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Product datasheet for MC212651

Tmem11 (NM_001168507) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem11 (NM_001168507) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem11
Synonyms:	5730466P16Rik; AA409091
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212651 representing NM_001168507 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGTGTTGGAATGGTCAGCCTCTCAGCTACAGACTGCTACATTGTGCACGAAATCTACAGTGGGGAGA ACGCCCAGGACCAGTTTGAGTATGAGCTGGAGCAGGCGCTGGAAGCCCAGTACAAGTACATTGTGATAGA GCCCACCCGAATTGGAGACGAGACAGCACGCTGGATCACCGTAGGCAATTGCCTGCACAAGACGGCCGTG TTGGCAGGTACTGCCTGCCTCTTCACCCCATTGGCACTGCCCCTGGATTACTCCCACTACATCTCCCTGC CCGCTGGTGTGCTGAGCCTGGCCTGCTGTACCCTCTATGGGATCTCCTGGCAGTTTGACCCTTGCTGCAA GTACCAGGTGGAGTATGATGCCTATAAACTGTCCCGCCTGCCTCTGCACACGCTCACCTCCTCCACACCA GTGGTGCTGGTTCGGAAGGACGACCTGCACAGAAAGAGACTGCACAACACAATAGCCCTGGCTGCCCTGG TGTACTGTGTAAAGAAGGTTTATGAGCTCTACGCCGTATGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001168507
Insert Size:	531 bp

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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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_001168507.1, NP_001161979.1

RefSeq Size: 1511 bp

RefSeq ORF: 531 bp

Locus ID: 216821

Cytogenetics: 11 B2

Gene Summary: Plays a role in mitochondrial morphogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR and coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1. 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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