

Product datasheet for MC214983

Tmem178b (NM_001004182) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem178b (NM_001004182) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem178b
Synonyms:	A930009E05Rik; EG434008; Gm5567
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214983 representing NM_001004182 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGGGTTTCTTTGGCCCAATACAAGGATCTTCGTAGAATGACAGCTGGCTTCATGGGCATGGCAG
 TGGCCATCATCTCTTTGGCTGGATCATCGCGTCCTGGGCTGTTGCTGGGACCGAGGCCTTATGCAGTA
 CGTGGCAGGGCTTCTCTTCCTCATGGGAGGAACCTTCTGCATCATTTCACTGTGCACATGTGTGGCTGGG
 ATCAACTTTGAGCTATCACGTTACCCACGCTACCTATACGGACTCCCGGATGACATCAGCCATGGCTATG
 GATGGTCCATGTTCTGTGCATGGGGGGGCTGGGCCTCACACTAATCTCGGGATTCTTGTACCTTGGC
 CCCCTCTGTCCAACCTGTCCCGAGGACCAACTGCCCTAAATCCAGACCAGAGAATGGGACAGTGTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3056_c09.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001004182

Insert Size: 420 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).



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001004182.3, NP_001004182.1</u>
RefSeq Size:	3092 bp
RefSeq ORF:	420 bp
Locus ID:	434008
Cytogenetics:	6