

Product datasheet for **MC200024**

Tmem79 (NM_024246) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem79 (NM_024246) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem79
Synonyms:	2310042N02Rik; 2310074C17Rik; ma; Matt
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC003309 sequence for NM_024246
 GACCCACGCGTCCGCCACGCGTCCGAAACTGGGAAATACTTGCAGAGCCAGCCAGGAGCTAGGCAGCT
 CCTTCCGGAGATCCTCCGCCTTTTGCAGATGGAAAGATGACATCGTTCTGTGGTAGCCCTCGGAACTG
 AAGCCTCACAATGACAGAACCGGAGACTGGCCCTGCTGGACATGAAGGAACCCGAGACTCCAGAGAAG
 AGCCACCGCAGGCTTTAGTCTGCAGTCAGAGGAAGAAGGTGGGACTGAGTCCCTGGAAGTGTGCGC
 TCAGAGTGGGGTCTTCAGTAGGGTCTCTATAGTCAGAGAGGGCCTGAGGATGGTCCAGACACACAAT
 AAGTGAAGCTGCCACTTTACCCTGGGAACTGACCCCATCCTAGCGCCCACTCCGGATCCCCGGGC
 TGGCGAGATATTGAACCAGAGCCCTAGAGTCAGAGGCACCTACTAAGTCGGAGGAGCCATTCAAAGAGG
 ATGCCAACCTGCTCCCCGAGAAGACAGTTAGGGCCTTCGTGCCATTGATCTACAGTGCATCGAGCGGAA
 GCCACAGGAGGAGCGCATCCTGCATCGCGACGCTGGACCAGGCGAGCTCAGGAATTTCTGCCAGCTCGA
 CTCAGCCACCCTGAGCCCCAGAGCGCAAGTGGGCTGAGGCCGTGGTGTGAGACCCCTGGCCGGTCTGCG
 GGGGCTGTGGAAGCTGTGGAGGTCGTGAGGCACTGAGAGCTGTGCGCTCGGTGGTGGCGGCCCTCATCTT
 CTCCCTGTCTGCTGTACGGAGCATACGCTTCTGCTTTTCGATGCCCGAGGCTGCCACCATGAGC
 TCCCGCTTGGTTACACCCTTCGCTGTGGGGTCTTTGCCACCTTTCCCATCGTACTCGGGCTCCTTGTGT
 ACGGGCTGAGCCTATTGTCTTTTCTGCGCTTCGGCCCTTCGGCGAGCCGAGGCGGAAGTGGAGATCCA
 CCGGCAGTACGTGGCCAGTCTGTGCAGCTCTTATCCTCTACTTCTTTAACCTGGCTGTCTTTCCACC
 TATCTGCCCCAGGACACCCTCAAGCTGCTCCCGCTGCTCACCGGTCTCTTTGCCATATCTCGGCTGATAT
 ACTGGTTGACCTTTGCTGTGGGCCGCTCCTCCGAGGCTTTGGCTATGGCCTGACTTTCTGCCACTCTT
 GGCCATGCTGGTGTGGAACCTCTATTACATGTTTGTGGTGGAGCCAGAGCGCATGCTCACTGCCTCCGAG
 AGCCGCTTGGACTACCCTGATCATGCTCGGTCTGTTTCCGACTACAGGCCCGCTCATGGGGCTGAGCCA
 CCTAGAGCTGCACAGGGGGCTTTTCGGCACTTCCCTGGAACAGTTGTAGGCTGGCCTTTGCCAGGCAAT
 GGACCTTTGATGCGAGGAACCTTGCTACTTCCCACTGGGGCCCCAAATACCCTTACTCTCTCTAGCCG
 CTGCTTTACAAACCCAGAGGATGAGAGCCCAAGGTCGAGACTGGAGAAGCACACTTCTTTGGGCAGC
 TTCCCACCATGGCACAGGTGCTATGCGGGGATGGTCATCTCACTCCCTAGCTTCTGTGGGTCAGGAGTG
 CAGAGCCACAGCCACCCTGAACTGTCTGTGCCAGTGAGCGCAAGGAGAAGGAAACCTGCCTTAGCCC
 GAGGGTAGAAGTTGATGTCATGTCAGATAGTTGGTGAAGACCTTTCTAGGGGGCCTGGTCTGGACCTGC
 TACCACTGGCCTCAAGACTCTTTTGCCTCAGTCAAGACTGTTATATGTAGCTGTTGTCTTCTGTCCCA
 ACCTACACGGGTCTCTGTAACATTCCACTATTCAAACCTCCAAGGAGTCCCACTCTCAGGGGGCGGGGCA
 CAGAGCTAAAATCTCCAAAAGAAATGGGTGTGAACTCACATGGTGGCTAGGAAGGCAGAGCGCCCTCAGC
 CCAGCATATAGCTGTGAGTATGTAATAATCACTGCCAGGCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_024246

Insert Size: 1176 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).

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: [BC003309](#), [AAH03309](#)

RefSeq Size: 2015 bp

RefSeq ORF: 1176 bp

Locus ID: 71913

UniProt ID: [Q9D709](#)

Cytogenetics: 3 F1

Gene Summary: Contributes to the epidermal integrity and skin barrier function. Plays a role in the lamellar granule (LG) secretory system and in the stratum corneum (SC) epithelial cell formation. [UniProtKB/Swiss-Prot Function]