

Product datasheet for **RN215838**

Tmem14c (NM_001135169) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem14c (NM_001135169) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem14c
Synonyms: Cdtw1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215838 representing NM_001135169
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGAAGGACAGTGGCCCACTGGTTCCTTTACATTATTATGGTTTCGGCTATGCGGCCCTGGTGGCTA
 CTGGTGGGATTATTGGCTATGCAAAGCAGGTAGTGTCCCGTCCCTGGCTGCTGGACTCTTCTTTGGGGG
 CCTGGCAGGCCTGGGTGCCTACCACTGTCTCAGGACCCAGGAACGTGTGGGTTTCTAGCTACGTCT
 GGGACTTTGGCTGGCATTATGGGGATGAGATTCTACAACCTCTGGGAAATTTATGCCTGCAGGTTTGATCG
 CGGGAGCCAGTTTGCTGATGGTTGCCAACTTGGACTTAGTATGTTGAGTTCACCCCATCCAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001135169
Insert Size: 345 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:	<u>NM_001135169.2</u> , <u>NP_001128641.1</u>
RefSeq Size:	873 bp
RefSeq ORF:	345 bp
Locus ID:	171432
Cytogenetics:	17p13
Gene Summary:	expression is upregulated in response to stroke [RGD, Feb 2006] Transcript Variant: This variant (2) lacks a segment in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.