

Product datasheet for **RC219391**

TTMA (TMEM200C) (NM_001080209) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTMA (TMEM200C) (NM_001080209) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTMA
Synonyms:	TTMA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC219391 representing NM_001080209
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCGCCACCGCGGCTGCTAAGGATTTCCGCCAGAAAGCAGGATCCACTCCGCCCCCAAGCCAGA
 TACCCAAGCGCAAGCGGAAAGCCAAGAAGAGCGCAAGAACGACGTGGTGGTGGTAAAAGGCAAGCTGAA
 GCTGTGCTCCATCTCAGGGCTCATCGCCCTCTGTGGGATCCTGGTGTGCTGGTGGGCATAGCCATGGCG
 GTGGTGGGCTACTGGCCAAAGGCCACCGGGACCAATCGGGAGGGGGTAAGCAGCTGCCGCTGCGGGCA
 GCAGCCACCGGTCCCAACCACGGCCAACAGCAGTAGCAGTGGCAGCAAAAACCGGTCCAGGAGCCACCC
 TAGGGCTCCAGGGGTGTCAACTCCAGTTCGCGGGCGGCCAGGAGCACGCCTCCAGCACGAGCCGCC
 TCCCCGCTCCTCCTCCAGTCCGTGGGCTTCTTCTCCGCATCTTCTGGCTACCTGCACTCTGACA
 AGCTCAAGGTCTTCGGGCCCTCATCATGGGCATCGGCATCTTCTCTTTCATCTGCGCAAACCGGGTCT
 CCACGAGAACCGGACAAGAAGACCAAAATCATCAACCTGCGGGACCTTACTCCACCGTATCGACGTG
 CACAGCTCCGCGCCAAAGACCTGGCGGCCGCCGCGGCCGCCGCGGGCCGCCGCGCTTTCGTCTGT
 CGTCTGCCCCCGCGCGGCCGCCCGGGGCCATACCGCTCAACGGCTTCTCAGCTACGTGCAGTCGCG
 GGGCTGGAGCTGAAGCCCGGGGCTGCGGTGGCTCCGGGGACGCCTTCGGAGCGGCGGGATGCTGGCC
 AAGGGCTCGTGGCTCCTCACCCGCGCGCGGAGCGGCGGCCCTCGGGGCGCGCGTCCCCGCGG
 ACCTGGCTCTTCCCCGCGCTGTCCGCGGGAGCCCCGAGCCTGGCCGAGGCCGTGTACAGCGTCTACCG
 CGAGCGCTCGGGCGTGGCAGGAGTCCGCGGGCCGCCGCTGCCACCGCCCGCGAGCCGCTAGCAGCTGC
 AGCAGTCCGGCGCCCTGCAGCCACCCGAGAGCTGGGGGCCAGAGCACGGCCAGCTCCTTCGTGGACT
 CCTCGTGAAGCGCTTCCGCTGCTGCCCTTGAAGGGGGCCGATAGGGGCGGGGAGCGGAGGGCGC
 GAGCTGCAGCTGGCAGAGGCTCCGGGGAAACCGGGCTCCAGGAGATCCGAGGGGCGAGCTCGACCTG
 AGCATGACCAACCTCCGCGGCGCAGAGGCGAGCATGCGCGGGGCGCGCCGGAGCCGAGGAGCCCGAGG
 GCGCGGTAGCGCGCGCGCCAGGGGCGAGGCGGCCGCTGCCAGGACCGGCAGGTACGCGGCCCTT
 GCGGGCCGCGAGCACGAGGGCTCCCGGACTACCGGGCGCGCGCTCCCCGAGCCCCCGCCCTCCCCG
 GGGAGTGGGACCCGACTCCAGCCCTTGCCAAAGCCGCTCCCCCTCGCCACCCCTGCGGCTGGAGG
 GCTCGCCCCCACCAGGCGGGACTCCGGGAGTCCAGTCCGATGACCCATCCAGCAGCAATAAGGGCTA
 CACACCCCTCGGGAGGCGGCACCTCCACCGAGTCGGTCTTGGACGAGTAGTGGTCAAACGCGAGAC
 TCTGCTGTGGCCGCCCGTTCTGGGTGCGGAGCAGAGCTCGCCGAGGGTGCCAGCCAGGAGCCACCCA
 CGGCCAGCAACCTCAGCCGGTGCAGAGGCAAGTTACAAACAAGGAGAACTCATCATGATTTCCAGGTC
 TCATGCCATAGGGGTAGAAGAAGAACTGAAAGCACAGGCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC219391 representing NM_001080209
 Red=Cloning site Green=Tags(s)

MIATGGLLRISARKQDPLRPPSQIPKRKRKAKKRRKNDVVVVKGLKLCISGLIALCGILVLLVGIAMA
 VVGYPKATGTNREGGKQLPPAGSSHRVPTTANSSSSGSKNRSRSHPRAPGVNSSSAGAPRSTPPARAA
 SPSSSSTSVGFFFRIFSGYLHSDKLVFGLIMGIGIFLFCANAVLHENRDKTKIINLRDLYSTVIDV
 HSLRAKDLAAAAAAAAAASSSSAPAAAPPGAIPLNGLFLSYVQSRGLELKPGGCGSGDAFGAAAMLA
 KGSWPPHPAAPSGRPRGAASPPDLASSPRCPREPPSLAEAVYSVYRERSGVAGSRRAAAATAAAAASSC
 SSPAPCSPPESWGRQSTASSFVDSLSAFALLPLQGGRDRGGDAEGASCWQRPPEGRSQEIPRGELDL
 SMTNLRGAEGSMRGARREPEEPEGAVARAARGQGGRLPRTGRYAALRRRSTSGLPDYRAPPSPPEPPSP
 GSADPDSPLAKAASPPPLRLEGSPPTRRDSGSSQSDPSSSNKGYTPLREAGTSTESVLDVAVAGQTRD
 SAVAAPVLGAEQSSPEGASQEPPTAEQPPVQRQFTNKEKLIMISRSHAIQVEEELESTGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8022_g07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001080209

ORF Size: 1863 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

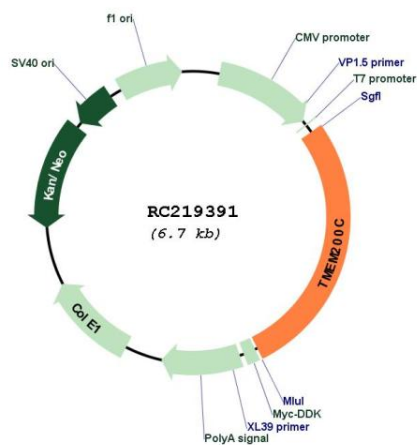
RefSeq: [NM_001080209.2](#)

RefSeq Size: 1920 bp

RefSeq ORF: 1866 bp

Locus ID: 645369
 UniProt ID: [A6NKL6](#)
 Cytogenetics: 18p11.31
 MW: 63.7 kDa

Product images:



Circular map for RC219391