

Product datasheet for **RN203533**

Mtmr14 (NM_001107880) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtmr14 (NM_001107880) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mtmr14
Synonyms:	RGD1304842
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203533 representing NM_001107880
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGTGCTCGGGCCCGCCGCCCTCGGCGGTTCCACTGCCTTTCAGGCAGCCCGCCGCTC
 AGGAGCCGGGGCTCTGGGAGCTGCTGGAGGAGTTCTCCCGACTCAGTACCGTGCCAAGGACAGCGGCGG
 GAAGAGCGGCTCTAAGGTTGAACTCATTGAGAAGAGATGTCTGGAGCTATTTGGCCGTGACTACTGTTTC
 AGCGTGATTCCAAATGTGAATGGTGATATCTGCGGCCACTACCCCGCCACATCGTATTCTGGAGTATG
 AGAGTTCTGAGAAAGAGAAAGACACGTTTCAGAGCACGGTGCAGGTGAACAAGCTGCAAGACCTCATTCA
 CCGAAGCAAGATGGCCAGGTGCAGAGGCCGTTTGTCTGCCAGTGATCTGTTAAAGGCAAGCATATT
 TGCAGGTGCGCCACACTGGCTGGATGGGAGAGCTGTATGGACGCTCTGGATACTAATTTTTTCTCAG
 GGGGAGCAGATGATACCTGGGCAAATACAGAAGATGTCACAGAAGAGGACTTTGTTCTCCGAAGTGGTGA
 CACGCACCTTTTCGATAAGGTGAGAGGCTATGATATCAAGCTGCTTCAGTACCTGTCAGTCAAGTACATC
 TGTGACCTGATGGTGGAGAAACAAGAAGGTGAAGTTTGGCATGAATGTAACCTCCTCTGAGAAGGTGGACA
 AAGCCCAGCGCTATGCAAACCTCACTCTCTTTCTATTCCATATCCAGGCTGTGAATTCTTCAAGGAATA
 TAAAGATCGGGATTACATGGCAGAAGGGCTCATATTTAACTGGAAGCAGGACTACGTCGATGCCCATTTG
 AACATCCCGACTTCTGACTCAATCTCTGAATATTGACTGGAGCCAGTATCAGAGTTGGGACCTGGTGC
 AACAAACACAGAACTACCTGAACTGCTGCTTTTCATCATGAACAGAGACGATGACCACGGGCTGCTGGT
 AACTGTATCTCAGGCTGGGATCGGACCCCTCTTCTCTCTCTCTACGCCTTTCTTGTGGGCTGAT
 GGGCTAATTCACACATCCCTGAAGCCTGCTGAGATCCTCTACCTGACTGTGGCCTATGACTGGTTCCTCT
 TTGGACACATGTTGGTAGATCGGCTCAGCAAAGGAGAGGAGATTTCTTCTTTTGGCTTCAATTTTTTGAA
 GCATATCACCTCCGAAGAGTTCTGCCTGAAGACCCAGAGGAGGAAGAGTTTGGCAAACCTCGGGATGCAGGC
 TCACTGTGGAAGATATCTGCATGTTGAGACACAGAGATCGAGGACGACAACCAGCCTAGGCAGCGACT
 TCTCCCTGGTCTTGGAGCACTACCAGGAGCTGTGGGAGCTTCCAGTATGAGGCTGTGGAACCTGTCCC
 GGCAGGAGCACCAACTCAGGAGCTTGGAGGAAGAGTCACTCATCTCCACAGAGTATGCTCTGGAGC
 CGGCCACAGCCCTCTGACGACCGCTACCTTACACCATGGGTTCACTGAAGCCAAGTCTTCTAGCTCTT
 CATCTCAAACCTTCTGACAACTTTTTCAGGATGGGACGAGTCTCTTGGAGTCCCAAAACCCAGATC
 AGTGGACCATCCCTGCCGGATCTCTCTTCCACAGACTTTGGCAGCTGGCAGATGGTATCGGGCTGT
 GGCAGTATTCAGGAACGGCTGTCTGCACACAGACTCCTCTCTCCCTTTCAGCTCCAGGATGAGCTCC
 CTAACAGTTGTCTACTTACAGCTCTGAGTGACAGGGAGACACGGCTGCAGGAGGTGCGGTCTGCCTTCTT
 GGCTGCATACAGCAGTACAGTGAGACTTCGAGCTGCAGCCCCAGTCCCTCTGGTGCCATTGGGGGCTG
 CTAGAACAATTTGCCCGTGGTGTGGGCTCCGGGGCACAAGCACCAGTGCCTT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107880
- Insert Size:** 1947 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: [NM_001107880.1](#), [NP_001101350.1](#)

RefSeq Size: 2656 bp

RefSeq ORF: 1947 bp

Locus ID: 312634

Cytogenetics: 4q42