

## Product datasheet for **RN201026**

### **Mtmr2 (NM\_001108123) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mtmr2 (NM_001108123) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mtmr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201026 representing NM\_001108123  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGAAGACTCGAGCTGCGAGAGTCTTGGCGCGCAGCTCCCGCGGCAAGGCTTCCCAGCGAGGACT  
 CACTGTCCAGTGCTTCCACTTCTCATTAGAGAACTCGGTTTCATACCAAATCAGTTTCTGTATATCATC  
 AGATTCTATTTCAACCTCTGAGACAACCTCTCTCTGATCTGAGGGTCTGAGGGAGGCAAAACAATTA  
 GCAGAAATGGAGGAACCGCCCTGCTTCCAGGAGAGAACATCAAAGATATGGCCAAAGATGTGACTTACA  
 TATGTCCGTTCACTGGTGTGTACGAGGACGCTGACTGTACAAATTACAGATTATTTCAAGAGCAT  
 GGAACGGGACCCCTCGTTTGTCTAGATGCTTCTCTTGGGGTGATAAGTAGAGTAGAAAAATCGGTGGT  
 GCATCTAGCCGTGGTAAAAATTCTATGGCCTGGAAACGGTGTGCAAGGATATCAGGAATTTACGATTTG  
 CTCATAAACAGAGGGGCAACAAGAAGATCAATATTTGAGAATCTAATGAAATATGCATTTCTGTGTC  
 TAACGGCTTGCCCTTTTTGCTTTTGTAGATAAAGAAGTATTCCTGAAAATGGGTGAAACTGTATGAC  
 CCCCTTCTAGAGTACAGAAGACAGGGGATTCAAATGAAAGCTGGAGAATAACAAAGGTCAATGAACGCT  
 ATGAACTCTGTGACACATATCCTGCCCTTGGCCGTGCCAGCAAACATTCCTGATGAGGAACTCAAGAG  
 AGTGGCATCCTTCAGGTCCCGGGCCGGATCCCAGTTTTATCATGGATTCATCCTGAAAGTCAGGCCACA  
 GTCACCCGCTGCAGCCAGCCATGGTTGGAGTGAGTGGGAAGCGCAGCAAAGAGGATGAGAAGTATCTTC  
 AGGCCATCATGGACTCCAATGCCAGTCTCACAAAATATTTATATTTGATGCTCGCCAAGTGTCAATGC  
 TGTTGCCAATAAGGCAAAGGGCGGAGGTTATGAAAGTGAAGACGCTTATCAAAATGCAGAACTCGTTTTC  
 CTGGACATTCATAATCCATGTTATGAGAGAATCATTACGGAAGCTTAAGGAGATTGTACCCCAACA  
 TTGAGGAAACTCACTGGTTGTCTAACTTAGAATCTACACTGGCTGGAACACATCAAGTCATTCTTGC  
 GGGGGCTCTTCGGATTGCTGACAAGGTGGAGTCTGGGAAGACGCTGTGGTGGTGCAGTGCAGTATGGG  
 TGGGATCGCACAGCTCAGCTCACGTCCCTGGCCATGCTTATGCTGGATGGATACTATCGAACCATACGAG  
 GATTTGAAGTCTTGTGGAGAAAGAGTGGCTAAGCTTTGGACATCGATTCCAATAAGAGTTGGCCATGG  
 CGATAAGAACCATGCTGATGCAGACCGATCACCTGTTTTCTTCAGTTCATTGACTGTGTCTGCCAGATG  
 ACAAGACAGTTCCTACCGCATTTGAATCAATGAGTATTTCTCATTACCATCCTGGACCATTGTACA  
 GCTGTCTATTTGGGACATTCCTCTGTAACAGTGAACAGCAGAGGGGAAAAGAGAATCTTCTAAGAAGAC  
 AGTGTCACTGTGGTCTATATAACAGCCAGCTGGAAGACTTCACTAATCCTCTTTTTGGGAGCTACTCC  
 AATCATGTCCTTTACCCAGTAGCCAGCATGCGCCACCTAGAGCTCTGGTGGGCTATTATATAAGGTGGA  
 ACCCCCGATGAAACCACAGGAACCTATCCACAGCAGATACAAAGAACTTCTTGCCAAAAGAACAGAGCT  
 TCAAAGAAAAGTAGAGGAACTTCAGAGAGAAAATTTCAACCGCTCAACCTCCTCTTCAGAGAGAGCCAGC  
 TCTCCGCACAGTGTGTGACTCCTGTCCAACTGTTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108123

**Insert Size:** 1932 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\\_001108123.1](#), [NP\\_001101593.1](#)

**RefSeq Size:** 3818 bp

**RefSeq ORF:** 1932 bp

**Locus ID:** 315422

**Cytogenetics:** 8q12