

Product datasheet for **RN217193**

Mtmr10 (NM_001100846) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtmr10 (NM_001100846) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mtmr10
Synonyms:	RGD1305958
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217193 representing NM_001100846
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCTCTCAAGCCGCCAGACCCAGCTTCAGGTCCTACCTCCTGCCGCCGCCAGACTGACGATA
 AGATCAGTTCGGAACCGAAGATTAATAAACTGGAGCCAGTTCTTTTGCCAGGAGAAATTGTTGTAATGA
 AGTCAATTTTGTGAGAAAATGCATTGCAACAGACACGAGCCAGTATGATTATGGGGAAAGTTGATATGC
 AGTAACTTCAAAATTTCTTTATTACAGATGACCAATGCCATTACAGAAATTCATTACAGAAACCTTC
 TCCTTGGAGAGCATGATGTCCTTTGACTTGATTGAACAGATTGTCACAGTGAATGACCACAAGAGGAA
 ACAGAAAGTCTAGTCCCAACCAGAAGCTGAAATTCAATCCAACAGAATTAATTATTTATTGTAAGAT
 TTCCGAATTGTCAGATTCGCTTTGATGAGTCGGGTCTGAAAGTGCTAAGAAGGTATGCCTTGCAATAG
 CTCATTATCCCAGCCAACAGACCTGCAGTACTCTTTGCATTTGAATATGTTGGGAAAAATACCACAA
 TTCAGCCAACAAAGTTAATGGAGTATCCTCAGGAGGTGGAGGAGTATGGAGTGGAGCTGGCAGTCCCAGC
 AGCCAGAGGACGCCGCTGTTGAAACTTACTCAGATTGGGACAGAGAGACCAAGAGGACAGCGCTTCTG
 GGTGGAGAGTTTGTCTCAATGAAGGTTACATGATATCTACTTGCCTTCCAGAATACTTTGTCGTGCC
 AAGTTCCTAGCAGACCAAGACCTGAAGATCTTTCTCCTTTTGTGGAAGAAGAATGCCATGCTGG
 TGCTGGAGCCATTCCAACGGCAGTGCTCTTGTCGAATGGCTCTCATCAAAGATGTGCTGCAGCAGAGGA
 AGATCGACCAGAGGATTTGCAATGCTATAACTAAAGTCATCCACAGAGAAGTGATGTTTACAAGTCAGA
 TTTGGATAAGACTTTGCCAATATCCAAGAAATACAAGCGGCATTTGTAAGCTTAAAGCACTGTGTGC
 AATGAGCCTTTTGAAGAACTGAAGAGAAGTGGTTGCTTCACTGGAAAGTACTCGGTGGTTAGAATATG
 TCAGGGCTTTCTTAACTCAGCTGAAGTGTGTACATTCTTGAAGCCAGCGTCTCTGTAGTCCT
 GCAAGAGGAGGAAGGCAGAGACTTGAGTTGCTGGTGGCGTCTTGTTCAGTGATGATGGATCCATAC
 TTCAGGACAATTACTGGATTTCAGAGTCTGGTACAGAAGGAGTGGGTGATGGCAGGGTACCCGTTCTAG
 ACAGATGTAACCATTTGAAGAGGTGAGAGAAAGAGTCTCCTTTGTTCTTGTCTTGGATACCACGTG
 GCAGCTGCTAGAGCAGTATCCAGCTGCCTTCGAGTTCTCCGAGACGTAAGTACAGTACTGTGTGACAGT
 ACCCGGATCTCGCTGTTCCGGACCTTCTGTTCAACTCTCCTCATCAGCGGTGAAGCAGAGCACAGAGT
 TTGCTATCAGCAAAACATTCAGCTGGGTGATGAAAAGGGCTTGAATTTCCCTCAGTTTGGGACTGGTC
 TCTTCAGTTCACGGCGAAGGACCGTACTCTTTCCACAACCCCTACTACATTGGCAAGAGTACTCCTTGC
 ATACAGAAATGGCTCCAGGAAGTCTTTAAGCGCACAAAGAAAAGCTACAGCTCCCACTGAGAGGAATGC
 CCTCATGCTTGAAGAATGGACTCATCAGTGACCAAGAAGTGTTCGCGGAGAACTCACTGATATTGAA
 GTTGAAGCCAGACCCGCCTCAGCACGGCGACAGCCAGCAGTGGAGCAGAGCAGTATTTTAAAGAGTGG
 TTTTCCAGACCAGCCAATCTACACGGCATTATCCTGCCACGTCTCTCTGGAACACACATAAAATTGTGGA
 AACTGTGTTACTTCCGCTGGGTCCCTGAGGCCAGATCAACCTTGGGGGCTCCATCATGGCTTCCACAA
 GCTGTCTGTCTGGCTGACGAGGTGGACAAGCTCAGCAGGATGCTGAGGCAGCATCACAGCGGCCCTTA
 GAAGCCTGCTACGCAGAGTTGGACCAGAGCAGGATGTACTTTAGGGCCACAGGGCCACATGACACGCTAG
 GGACACCAGAGTTCCTCTCCTCTTCATTTCCATTTTCTCTGTAGGAAATCTGTGCAGACGAAGCATTTT
 AGGAACACCATTAAAGCAATTTTAAAGTGGGGCCAAAATATGGTTATCTACTGAGACACTAGCAATGAA
 GACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100846

Insert Size: 2316 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.
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_001100846.1, NP_001094316.1</u>
RefSeq Size:	4644 bp
RefSeq ORF:	2316 bp
Locus ID:	309255
Cytogenetics:	1q22