

Product datasheet for **SC318263**

MTMR10 (NM_017762) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MTMR10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC318263 representing NM_017762.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTCTCCCTCAAGCCGCCAAACCCACCTTCAGGTCCTACCTCCTGCCACCGCCCCAGACTGACGAT
AAGATCAATTCGGAACCGAAGATTAATAAAGTGGAGCCAGTCCTTTGCCAGGAGAAATGTCGTAAT
GAAGTCAATTTGTGAGAAAATGCATTGCAACAGACACAAGCCAGTACGATTTGTGGGAAAGCTGATA
TGCAGTAACTTCAAAATCTCCTTTATTACAGATGACCAATGCCATTACAGAAATCCATTACAGAAAC
CTTCTTCTGGTGAACAGATGTCCCTTTAACATGTATTGAGCAAAATGTCACAGTAAACGACCACAAG
AGGAAGCAGAAAGTCTAGGCCCAACAGAACTGAAATTTAATCCAACAGAGTTAATTATTTATTGT
AAAGATTTTCAGAAATGTCAGATTTTCGCTTTGATGAATCAGGTCGCCGAAAGTGCTAAAAAGGTATGCCTT
GCAATAGCTCATTATCCAGCCAACAGACCTCCAGCTACTCTTGCATTTGAATATGTTGGGAAAAA
TACCACAATTCAGCAACAAAATTAATGGAATCCCTCAGGAGATGGAGGAGGAGGAGGAGGAGGT
AATGGAGCTGGTGGTGGCAGCAGCCAGAACTCCACTCTTGAACCTTACTCGGATTGGGACAGAGAA
ATCAAGAGGACAGGTGCTTCCGGTGGAGAGTTTGTCTATTAACGAGGTTACATGATATCCACTTGC
CTTCCAGAATACATTGTAGTGCCAAGTCTTTAGCAGACCAAGATCTAAAGATCTTTCCCATCTTTT
GTTGGGAGAAGGATGCCACTCTGGTCTGGAGCCACTAACGGCAGTGCTCTGTGCGAATGGCCCTC
ATCAAAGAGCTGCTGCAGCAGAGGAAGATTGACAGAGGATTTGTAATGCAATAACTAAAAGTCAACCA
CAGAGAAGTGATGTTTACAAATCAGATTTGGATAAGACCTTGCTAATATTCAAGAAGTACAGGCAGCA
TTTGTAATAACTGAAGCAGCTATGCGTTAATGAGCCTTTTGAAGAACTGAAGAGAAATGGTTATCTTCA
CTGGAAAATACTCGATGGTTAGAATATGTAAGGCATTCTTAAGCATTAGCAGAACTTGATACATG
CTAGAAAGCAACATCTCTCTGTAGTCTACAAGAGGAGGAAGGAGAGACTTGAGCTGTTGTAGCT
TCTCTTGTTCAGTGATGCTGGATCCCTATTTTAGGACAATTAAGGATTTTCAAGTCTGATACAGAAG
GAGTGGGTGATGCGAGGATATCAGTTTCTAGACAGATGCAACCATCTAAAGAGATCAGAGAAAGAGTCT
CCTTTATTTTGTCTTCTGGATGCCACCTGGCAGCTGTTAGAACATATCCTGCAGCTTTTGAAGTTC
TCCGAAACCTACCTGGCAGTGTGTATGACAGCACCCGATCTCACTGTTTGGCACCTTCTGTTCAAC
TCCCCTCACCAGCGAGTGAAGCAAAAGCACGGAATTTGCTATAAGCAAAAACATCCAATTGGGTGATGAG
AAGGGCTTAAATTCCTCTGTTTGGGACTGGTCTCTCCAGTTTACAGCAAGGATCGCACCTTTTC
CATAACCCCTTCTACATTGGAAGAGCACACCTTGTATACAGAATGGCTCCGTGAAGTCTTTTAAACGG
ACAAAGAAAAGCTACAGCTCCACACTAAGAGGAATGCCGTCTGCCTTAAAGAATGGAATCATCAGTGAC
CAAGAATTACTTCCAAGGAGAAATTCATTGATATTAACCAAGCCAGATCCAGCTCAGCAAAACCGAC
AGCCAGAACAGTGATACGAGCAGTATTTAGAGAATGGTTTTCCAAACCCGCCAACCTGCACGGTGTT
ATTCTGCCAGTGTCTCTGGAACACACATAAACTGTGAAACTGTGCTACTCCGCTGGGTTCCCGAG
GCCAGATCAGCTGGGTGGCTCCATCAGACCTTTACAAGCTCTCCCTCCTGGCTGATGAAGTCGAC
GTAAGCAGGATGCTGCGGCAACAGCGCAGTGGCCCCCTGGAGGCTGCTATGGGGAGCTGGGCCAG
AGCAGGATGTACTCAACGCCAGCGCCCTCACCACACCGACACCTCGGGGACACCGAGTTTCTCTCC
TCCTCATTTCCATTTTCTCTGTAGGAATCTGTGCAGACGAAGCATTTTAGGAACACCATTAAGCAAA
TTTTTAAGTGGGCCAAAATATGGTTGTCTACTGAGACATTAGCAATGAAGACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_017762

Insert Size:

2334 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_017762.2</u>
RefSeq Size:	4969 bp
RefSeq ORF:	2334 bp
Locus ID:	54893
UniProt ID:	<u>Q9NXD2</u>
Cytogenetics:	15q13.3
MW:	88.3 kDa