

Product datasheet for **SC215320**

MTM1 (NM_000252) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTM1 (NM_000252) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MTM1
Synonyms:	CNM; MTMX; XLMTM
ACCN:	NM_000252
Insert Size:	1566 bp



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Insert Sequence: >SC215320 3' UTR clone of NM_000252
The sequence shown below is from the reference sequence of NM_000252. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

TCCTTCGCAAATGATGCCCATGTGCAAACACTTCT**TG**AGGGGGGACCCTGGCACCGCATTAGAGCTCG
AAATAAAGGCGATAGCTGACTTTCATTTGGGGCATTGTAAAAAGTAGATTAAAAATTTGCCTCCATGT
AGAAGCTTGAACATAATCTTAAACTCTTGAATATGTGCCTCTAGAATACATATTACAAGAAAACTA
CAGGGTCCACACGGCAATCAGAAGAAAGGAGCTGAGATGAGGTTTTGGAAAACCTGACACCTTTAAAAA
GCAGTTTTTGAAGACAAAATTTAGATTTAATTTACGTCTTGAGAAATACTATATATAACAATATATTTT
TGTGGGCTTAATTGAAACAACATTATTTTAAAAATCAAAGGGGATATATGTTTGTGAATGGATTTTCCTG
AAGCTGCTTAACAGTTGCTTTGGATTCTAAGATGAATCCAAATGTGAAAGATGCATGTTACTGCCAAA
ACCAAATTGAGCTCAGCTTCTAGGCATTACCCAAAAGCAAGGTGTTAAGTAATTGCCAGCTTTTATAC
CATCATGAGTGGTGACTTAAGGAGAAATAGCTGTATAGATGAGTTTTTCATTATTTGAAATTTAGGGGT
AGAAAATGTTTTCCCCTAATTTTCCAGAGAAGCCTATTTTTATATTTTTAAAAAACTGACAGGGCCAGT
TAAATATGATTTGCATTTTTTAAATTTGCCAGTTTTATTTTCTAAATCTTTTCATGAGCTTGCTAAAAAT
TCGGAATGGTTTTTCGGGTTGTGGCAAACCCCAAAGAGAGCACTGTCCAAGGATGTCGGGAGCATCCTGCT
GCTTAGGGGAATGTTTTCGCAAATGTTGCTCTAGTCAGTCCAGCTCATCTGCCAAAATGTAGGGTACCG
TCTTGGATGCATGAGCTATTGCTAGAGCATCATCTTAGAAATCAGTGCCCCAGATGTACATGTGTTGAG
CGTATTTCTTGAAGTATTGTGTTTATGCATTTCAATTTCAATGGTGTGGCTTCCCCTCCCACCCACG
CGTGCATAAAAACTGGTTCTACAAATTTTTACTTGAAGTACCAGGCCGTTTGCTTTTTTCAGGTTGTTTTG
TTTTATAGTATTAAGTGAATTTTTAAATGCACAGTTCTATTTGCTATCTGAACTAATTCATTTATTAAGT
ATATTTGTAAGGCTAAGGCTCGAGTTAAAAACAATGAAGTGTTTTACAATGATTTGTAAGGACTATTTA
TAACTAATATGGTTTTGTTTTCAATGAATTAAGAAAGATTAATATATCTTTGTAATTTATTTATGTC
TAGTTTAAATGGTCTACCAAGTAAGACATCTCAAATACAGTAGTATAATGTATGAATTTTGAAGTATA
GAAATTTTATTAGACATTCTTACTTTTTGTAATGCTGTAATATTTTATAAATTAACAAAGTGTAC
TCCATAAAAAAGGCTAATACTAATAGCCTAAAAGATTTTGTGAATTTTCATGAAAATTTTAAATGGC
AATAATGACTAAAGACCTGCTGTAAT

CGGACCGTTACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-RsrII

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000252.2](#)

Summary: This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq, Jul 2008]

Locus ID: 4534