

Product datasheet for **SC205835**

MTMR14 (NM_022485) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTMR14 (NM_022485) Human 3' UTR Clone
Symbol:	MTMR14
Synonyms:	C3orf29
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022485
Insert Size:	450 bp
Insert Sequence:	>SC205835 3'UTR clone of NM_022485 The sequence shown below is from the reference sequence of NM_022485. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCCGGAGCATCAGCAGCAATGCCTTGTGAAGAAGCCAGCCCATGACATTTTCTGCTCCTCTCTCAGC
TGAGCCCTTAGCAGAGAATCAAAGCCATGCCTGGCCGAAGGGTACTTCCAGGTCAGGGGAAATTTTCAG
TCCCCATCTCCATCATGAACATGGCAGCCCCAAAGCTGAGCAAGGCCAAAGACAGGGTTTTCCAACCC
CCAGCCTCTTGACTGGTGACCACCACCCTTCTTGTCACCTGTCTCCACCACCCCATCTTTGCTGGGA
TTCCCATCAACTCTCAGAACTGTGTGGGGTTCCCTGGGGCCTTGTGGAAGCCATGACTTCACAAAGAC
CCTACCTGTCAAGTCTTGTCTGGGGAGGAGGATCACCTGCACTGAGAATGAGGCAGTTTGACACAG
ATCACAAAATAAAATCAAAGTCTTTTTGAATAGCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
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.



[View online »](#)

RefSeq: [NM_022485.5](#)

Summary: This gene encodes a myotubularin-related protein. The encoded protein is a phosphoinositide phosphatase that specifically dephosphorylates phosphatidylinositol 3,5-biphosphate and phosphatidylinositol 3-phosphate. Mutations in this gene are correlated with autosomal dominant centronuclear myopathy. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 18.[provided by RefSeq, Apr 2010]

Locus ID: 64419

MW: 16.4