

## Product datasheet for **SC205836**

### MTMR14 (NM\_001077526) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MTMR14 (NM\_001077526) Human 3' UTR Clone  
**Symbol:** MTMR14  
**Synonyms:** C3orf29  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001077526  
**Insert Size:** 450 bp  
**Insert Sequence:** >SC205836 3'UTR clone of NM\_001077526  
The sequence shown below is from the reference sequence of NM\_001077526. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CTCCGGAGCATCAGCAGCAATGCCTTGTGAAGAAGCCAGCCCATGACATTTTCTGCTCCTCTCTCAGC  
TGAGCCCTTAGCAGAGAATCAAAGCCATGCCTGGCCGAAGGGTACTTCCAGGTCAGGGGAAATTTTCAG  
TCCCCATCTCCATCATGAACATGGCAGCCCCAAAGCTGAGCAAGGCCAAAGACAGGGTTTTCCAACCC  
CCAGCCTCTTGACTGGTGACCACCACCCTTCTTGTCAGTGTCTCCACCCACCCCATCTTTGCTGGGA  
TTCCCATCAACTCTCAGAACTGTGTGGGGTTTCCCTGGGGCCTTGTGGAAGCCATGACTTCAAAAGAC  
CCTACCTGTCAAGTCTTGTCTGGGGAGGAGGATCACCTGCACTGAGAATGAGGCAGTTTGACACAG  
ATCACAAAATAAAATCAAAGTCTTTTTGAATAGCCA  
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA  
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.



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RefSeq: [NM\\_001077526.3](#)

**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