

Product datasheet for **SC205837**

MTMR14 (NM_001077525) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTMR14 (NM_001077525) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MTMR14
Synonyms:	C3orf29
ACCN:	NM_001077525
Insert Size:	450 bp
Insert Sequence:	>SC205837 3'UTR clone of NM_001077525 The sequence shown below is from the reference sequence of NM_001077525. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCCGGAGCATCAGCAGCAATGCCTTGTGAAGAAGCCAGCCCATGACATTTCTGCTCCTCTCTCAGC TGAGCCCTTAGCAGAGAATCAAAGCCATGCCTGGCCGAAGGGTACTTCCAGGTCAGGGAAATTTTCAG TCCCCATCTCCATCATGAACATGGCAGCCCAAGCTGAGCAAGCCAAAGACAGGTTTTCCAACCC CCAGCCTCTTGACTGGTGACCACCACCCCTTCTTGTCACTGTCTCCACCCACCCCATCTTTGCTGGGA TTCCCATCAACTCTCAGAACTGTGTGGGTTTTCCCTGGGGCCTTGTGGAAGCCATGACTTCACAAAGAC CCTACCTGTCAGTTCTTGTCTGGGGAGGAGGATCACCTGCACTGAGAATGAGGCAGTTTGACACAG ATCACAAAATAAAATCAAAGTCTTTTTGAATAGCCA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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.
RefSeq:	<u>NM_001077525.3</u>



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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