

Product datasheet for RC208660L1V

OriGene Technologies, Inc.

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MTMR14 (NM_001077526) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: MTMR14 (NM_001077526) Human Tagged ORF Clone Lentiviral Particle

Symbol: MTMR14
Synonyms: C3orf29

Selection:

Mammalian Cell

None

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK

ACCN: NM_001077526

ORF Size: 1794 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC208660).

Sequence:

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through

naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

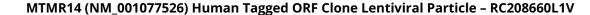
RefSeg: NM 001077526.1

RefSeq Size: 2380 bp
RefSeq ORF: 1797 bp
Locus ID: 64419
UniProt ID: Q8NCE2
Cytogenetics: 3p25.3

Protein Families: Druggable Genome, Phosphatase, Secreted Protein

MW: 66.7 kDa







Gene 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]