Product datasheet for RC206014L1V

MTMR9 (NM_015458) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MTMR9 (NM_015458) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTMR9
Synonyms:	C8orf9; LIP-STYX; MTMR8
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_015458
ORF Size:	1647 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206014).
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.
RefSeq:	NM_015458.3
RefSeq Size:	7421 bp
RefSeq ORF:	1650 bp
Locus ID:	66036
UniProt ID:	Q96QG7
Cytogenetics:	8p23.1
Protein Families:	Druggable Genome, Phosphatase
MW:	63.5 kDa

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Gene Summary:
This gene encodes a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate. [provided by RefSeq, Jul 2008]