

## Product datasheet for **RC205306L4V**

### MTM1 (NM\_000252) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MTM1 (NM_000252) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTM1
Synonyms:	CNM; MTMX; XLMTM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000252
ORF Size:	1809 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205306).
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. <a href="#">More info</a>
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:	<a href="#">NM_000252.1</a>
RefSeq Size:	3452 bp
RefSeq ORF:	1812 bp
Locus ID:	4534
UniProt ID:	<a href="#">Q13496</a>
Cytogenetics:	Xq28
Domains:	PTPc_motif, GRAM
Protein Families:	Druggable Genome, Phosphatase



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**MW:** 69.9 kDa

**Gene Summary:** This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq, Jul 2008]