

## Product datasheet for **MR223346L3V**

### Trmo (NM\_029086) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	Trmo
<b>Synonyms:</b>	5830415F09Rik; AV014846; Nap1
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
<b>Tag:</b>	Myc-DDK
<b>ACCN:</b>	NM_029086
<b>ORF Size:</b>	1464 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(MR223346).

**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\\_029086.2](#), [NP\\_083362.1](#)

**RefSeq Size:** 1558 bp

**RefSeq ORF:** 1467 bp

**Locus ID:** 74753

**UniProt ID:** [Q562D6](#)

**Cytogenetics:** 4 B1



**Gene Summary:**

S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA. [UniProtKB/Swiss-Prot Function]