

Product datasheet for **MR203250L4V**

Trmt12 (NM_026642) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trmt12 (NM_026642) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trmt12
Synonyms:	4632406N01Rik; AI449275; Tyw2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026642
ORF Size:	1338 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203250).
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_026642.2 , NP_080918.2
RefSeq Size:	4133 bp
RefSeq ORF:	1341 bp
Locus ID:	68260
UniProt ID:	Q8BG71
Cytogenetics:	15 D1



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Gene Summary:

S-adenosyl-L-methionine-dependent transferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA. Catalyzes the transfer of the alpha-amino-alpha-carboxypropyl (acp) group from S-adenosyl-L-methionine to the C-7 position of 4-demethylwyosine (imG-14) to produce wybutosine-86 (By similarity). [UniProtKB/Swiss-Prot Function]