

Product datasheet for **RC205580L4V**

RG9MTD2 (TRMT10A) (NM_152292) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RG9MTD2 (TRMT10A) (NM_152292) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RG9MTD2
Synonyms:	HEL-S-88; MSSGM; MSSGM1; RG9MTD2; TRM10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152292
ORF Size:	1017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205580).
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_152292.2
RefSeq Size:	3722 bp
RefSeq ORF:	1020 bp
Locus ID:	93587
UniProt ID:	Q8TBZ6
Cytogenetics:	4q23
Domains:	DUF425
MW:	39.7 kDa


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Gene Summary:

This gene encodes a protein that belongs to the tRNA (Guanine-1)-methyltransferase family. A similar gene in yeast modifies several different tRNA species. Mutations in this gene are associated with microcephaly, short stature, and impaired glucose metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]