

## Product datasheet for **RC207787L4V**

### HCM (RNMT) (NM\_003799) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HCM (RNMT) (NM_003799) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HCM
Synonyms:	cm1p; CMT1; CMT1c; hCMT1; hMet; MET; Met; RG7MT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003799
ORF Size:	1428 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207787).
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_003799.1</a>
RefSeq Size:	6203 bp
RefSeq ORF:	1431 bp
Locus ID:	8731
UniProt ID:	<a href="#">O43148</a>
Cytogenetics:	18p11.21
Domains:	Pox_MCEL
MW:	54.8 kDa


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**Gene Summary:**

Catalytic subunit of the mRNA-capping methyltransferase RNMT:RAMAC complex that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs (PubMed:9790902, PubMed:9705270, PubMed:10347220, PubMed:11114884, PubMed:22099306, PubMed:27422871). Binds RNA containing 5'-terminal GpppC (PubMed:11114884).[UniProtKB/Swiss-Prot Function]