

## Product datasheet for **MR204102L4V**

### **Mmadhc (NM\_133839) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Mmadhc (NM_133839) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mmadhc
Synonyms:	2010311D03Rik; AI314967; CbID
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133839
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204102).
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_133839.2</a>
RefSeq Size:	1302 bp
RefSeq ORF:	891 bp
Locus ID:	109129
UniProt ID:	<a href="#">Q99LS1</a>
Cytogenetics:	2 C1.1

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**Gene Summary:**

Involved in cobalamin metabolism. Plays a role in regulating the biosynthesis of two coenzymes, methylcobalamin and adenosylcobalamin. Plays a role in regulating the proportion of methylcobalamin and adenosylcobalamin. Promotes oxidation of cob(II)alamin bound to MMACHC.[UniProtKB/Swiss-Prot Function]