

## Product datasheet for **RC203886L2V**

### **c20orf72 (MGME1) (NM\_052865) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	c20orf72 (MGME1) (NM_052865) Human Tagged ORF Clone Lentiviral Particle
Symbol:	c20orf72
Synonyms:	bA504H3.4; C20orf72; DDK1; MTDPS11
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_052865
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203886).
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_052865.2</a>
RefSeq Size:	2142 bp
RefSeq ORF:	1035 bp
Locus ID:	92667
UniProt ID:	<a href="#">Q9BQP7</a>
Cytogenetics:	20p11.23
MW:	39.4 kDa



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**Gene Summary:**

The protein encoded by this gene is a nuclear-encoded mitochondrial protein necessary for the maintenance of mitochondrial genome synthesis. The encoded protein is a RecB-type exonuclease and primarily cleaves single-stranded DNA. Defects in this gene have been associated with mitochondrial DNA depletion syndrome-11. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]