

## Product datasheet for **RC206952L3V**

### MCU (NM\_138357) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MCU (NM_138357) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MCU
Synonyms:	C10orf42; CCDC109A; HsMCU
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_138357
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206952).
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_138357.1</a>
RefSeq Size:	2978 bp
RefSeq ORF:	1056 bp
Locus ID:	90550
UniProt ID:	<a href="#">Q8NE86</a>
Cytogenetics:	10q22.1
Domains:	DUF607
Protein Families:	Transmembrane



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**MW:** 39.7 kDa

**Gene Summary:** This gene encodes a calcium transporter that localizes to the mitochondrial inner membrane. The encoded protein interacts with mitochondrial calcium uptake 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]