

## Product datasheet for **RC203668L3V**

### MRAP2 (NM\_138409) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MRAP2 (NM_138409) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRAP2
Synonyms:	bA51G5.2; C6orf117
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_138409
ORF Size:	615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203668).
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_138409.1</a>
RefSeq Size:	2229 bp
RefSeq ORF:	618 bp
Locus ID:	112609
UniProt ID:	<a href="#">Q96G30</a>
Cytogenetics:	6q14.2
Protein Families:	Transmembrane
MW:	23.5 kDa



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**Gene Summary:**

This gene encodes a protein that modulates melanocortin receptor signaling. The encoded protein has been shown to interact with all known melanocortin receptors and may regulate both receptor trafficking and activation in response to ligands. Mice lacking a functional copy of this gene exhibit severe obesity and a mutation in this gene may be associated with severe obesity in human patients. [provided by RefSeq, Oct 2016]