

## Product datasheet for **MR212138L3V**

### Mafa (NM\_194350) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mafa (NM_194350) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mafa
Synonyms:	RIPE3b1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_194350
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212138).
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_194350.1</a>
RefSeq Size:	1080 bp
RefSeq ORF:	1080 bp
Locus ID:	378435
UniProt ID:	<a href="#">Q8CF90</a>
Cytogenetics:	15 D3



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**Gene Summary:**

Transcriptional factor that activates insulin gene expression (PubMed:12368292, PubMed:15665000). Acts synergistically with NEUROD1/BETA2 and PDX1 (PubMed:15665000). Binds the insulin enhancer C1/RIPE3b element (PubMed:12917329, PubMed:14680841, PubMed:14973194, PubMed:15665000). Binds to consensus TRE-type MARE 5'-TGCTGACTCAGCA-3' DNA sequence (By similarity).[UniProtKB/Swiss-Prot Function]