

## Product datasheet for **MR211726L3V**

### **Nrip1 (NM\_173440) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nrip1 (NM_173440) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nrip1
Synonyms:	6030458L20Rik; 8430438I05Rik; 9630050P12; AA959574; AW456757; RIP140
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173440
ORF Size:	3483 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211726).
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_173440.2</a>
RefSeq Size:	4529 bp
RefSeq ORF:	3486 bp
Locus ID:	268903
UniProt ID:	<a href="#">Q8CBD1</a>
Cytogenetics:	16 C3.1



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**Gene Summary:**

Modulates transcriptional repression by nuclear hormone receptors such as NR2C1, thyroid hormone receptor and retinoic acid receptor/RARA. Essential for cumulus expansion and follicle rupture during ovulation. Also controls the balance between fat accumulation and energy expenditure. Positive regulator of the circadian clock gene expression: stimulates transcription of ARNTL/BMAL1, CLOCK and CRY1 by acting as a coactivator for RORA and RORC.[UniProtKB/Swiss-Prot Function]