

## Product datasheet for **MR211295L4V**

### **Nod1 (NM\_001171007) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nod1 (NM_001171007) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nod1
Synonyms:	C230079P11; Card4; F830007N14Rik; Nlrc1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171007
ORF Size:	2862 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211295).
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_001171007.1</a> , <a href="#">NP_001164478.1</a>
RefSeq Size:	4076 bp
RefSeq ORF:	2862 bp
Locus ID:	107607
UniProt ID:	<a href="#">Q8BHB0</a>
Cytogenetics:	6 B3



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**Gene Summary:**

Enhances caspase-9-mediated apoptosis. Induces NF-kappa-B activity via RIPK2 and IKK-gamma. Confers responsiveness to intracellular bacterial lipopolysaccharides (LPS). Forms an intracellular sensing system along with ARHGEF2 for the detection of microbial effectors during cell invasion by pathogens. Recruits NLRP10 to the cell membrane following bacterial infection (By similarity).[UniProtKB/Swiss-Prot Function]