

## Product datasheet for **MR200148L3V**

### **Nedd8 (NM\_008683) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nedd8 (NM_008683) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nedd8
Synonyms:	Rub1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008683
ORF Size:	246 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200148).
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_008683.2</a>
RefSeq Size:	602 bp
RefSeq ORF:	246 bp
Locus ID:	18002
UniProt ID:	<a href="#">P29595</a>
Cytogenetics:	14 28.19 cM



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**Gene Summary:**

Ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.[UniProtKB/Swiss-Prot Function]