

## Product datasheet for **RC221706L2V**

### **NEDD4 (NM\_006154) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NEDD4 (NM_006154) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NEDD4
Synonyms:	NEDD4-1; RPF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006154
ORF Size:	2700 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221706).
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_006154.1</a> , <a href="#">NP_006145.1</a>
RefSeq Size:	5749 bp
RefSeq ORF:	2703 bp
Locus ID:	4734
UniProt ID:	<a href="#">P46934</a>
Cytogenetics:	15q21.3
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis, Ubiquitin mediated proteolysis



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**MW:** 104 kDa

**Gene Summary:** This gene is the founding member of the NEDD4 family of HECT ubiquitin ligases that function in the ubiquitin proteasome system of protein degradation. The encoded protein contains an N-terminal calcium and phospholipid binding C2 domain followed by multiple tryptophan-rich WW domains and, a C-terminal HECT ubiquitin ligase catalytic domain. It plays critical role in the regulation of a number of membrane receptors, endocytic machinery components and the tumor suppressor PTEN. [provided by RefSeq, Jul 2016]