

## Product datasheet for RC221706L3V

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## 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:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag:Myc-DDKACCN:NM\_006154

ORF Size: 2700 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC221706).

Sequence:

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. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 006154.1, NP 006145.1

 RefSeq Size:
 5749 bp

 RefSeq ORF:
 2703 bp

 Locus ID:
 4734

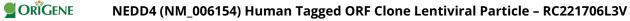
 UniProt ID:
 P46934

Cytogenetics: 15q21.3

**Protein Families:** Druggable Genome

**Protein Pathways:** Endocytosis, Ubiquitin mediated proteolysis





**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]