

## Product datasheet for RC226306L3V

## OriGene Technologies, Inc.

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## NLRP7 (NM\_001127255) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** NLRP7 (NM\_001127255) Human Tagged ORF Clone Lentiviral Particle

Symbol: NLRP7

Synonyms: CLR19.4; HYDM; NALP7; NOD12; PAN7; PYPAF3

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

**ACCN:** NM\_001127255

ORF Size: 3111 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC226306).

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.

**RefSeq:** <u>NM 001127255.1</u>, <u>NP 001120727.1</u>

 RefSeq ORF:
 3114 bp

 Locus ID:
 199713

 UniProt ID:
 Q8WX94

 Cytogenetics:
 19q13.42

 MW:
 118.1 kDa







## **Gene Summary:**

This gene encodes a member of the NACHT, leucine rich repeat, and PYD containing (NLRP) protein family. It has an N-terminal pyrin domain, followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. NLRP proteins are implicated in the activation of proinflammatory caspases through multiprotein complexes called inflammasomes. This gene may act as a feedback regulator of caspase-1-dependent interleukin 1-beta secretion. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]