

## Product datasheet for **RC215117L4V**

### **NLRP7 (NM\_139176) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NLRP7 (NM_139176) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NLRP7
Synonyms:	CLR19.4; HYDM; NALP7; NOD12; PAN7; PYPAF3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139176
ORF Size:	3027 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215117).
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_139176.2</a> , <a href="#">NP_631915.2</a>
RefSeq Size:	3331 bp
RefSeq ORF:	3030 bp
Locus ID:	199713
UniProt ID:	<a href="#">Q8WX94</a>
Cytogenetics:	19q13.42
MW:	114.7 kDa



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**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]