

Product datasheet for **RC207991L4V**

NALP4 (NLRP4) (NM_134444) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NALP4 (NLRP4) (NM_134444) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NALP4
Synonyms:	CLR19.5; CT58; NALP4; PAN2; PYPAF4; RNH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134444
ORF Size:	2982 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207991).
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:	NM_134444.3
RefSeq Size:	3339 bp
RefSeq ORF:	2985 bp
Locus ID:	147945
UniProt ID:	Q96MN2
Cytogenetics:	19q13.43
MW:	113.2 kDa



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Gene Summary:

The protein encoded by this gene is a member of the nucleotide-binding and leucine-rich repeat receptor (NLR) family, and is predicted to contain an N-terminal pyrin effector domain (PYD), a centrally-located nucleotide-binding and oligomerization domain (NACHT) and C-terminal leucine-rich repeats (LRR). This gene product has a demonstrated role as a negative regulator of autophagy and type I interferon signaling pathways as a result of protein interactions with its NACHT domain. The PYD domain has also been shown to be important in the inhibition of NF- κ B (nuclear factor kappa-light-chain-enhancer of activated B cells). [provided by RefSeq, Dec 2016]