

Product datasheet for **RC233196**

NALP12 (NLRP12) (NM_001277126) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NALP12 (NLRP12) (NM_001277126) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NALP12
Synonyms:	CLR19.3; FCAS2; NALP12; PAN6; PYPAF7; RNO; RNO2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233196 representing NM_001277126 Red=Cloning site Blue=ORF Green=Tags(s)

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GTCTCTGCCTTCTCAACATGAACATCTTCCAGAAGGACATCAACTGTGAGAGGTACTACAGCTTCATCC
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Protein Sequence:

>RC233196 representing NM_001277126

Red=Cloning site Green=Tags(s)

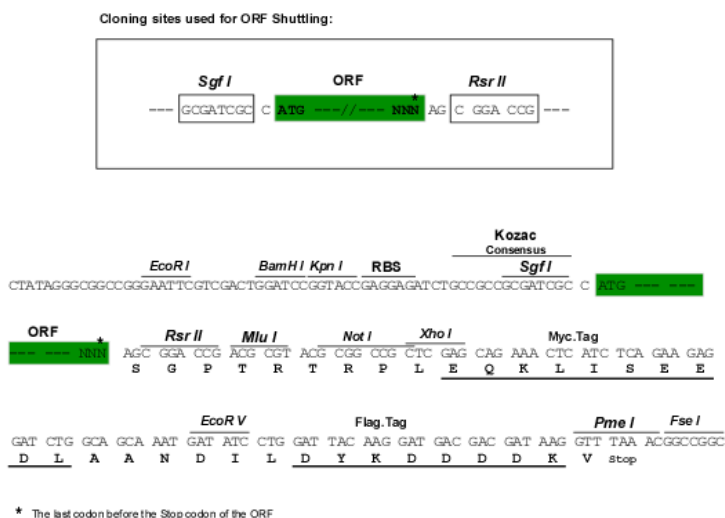
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SGPTRRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-RsrII

Cloning Scheme:



ACCN: NM_001277126

ORF Size: 3186 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001277126.1, NP_001264055.1

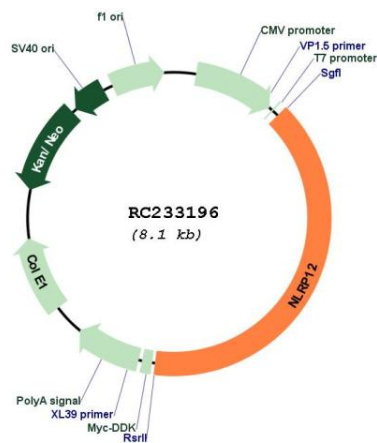
RefSeq Size: 3883 bp

RefSeq ORF: 3189 bp

Locus ID: 91662
UniProt ID: [P59046](#)
Cytogenetics: 19q13.42
MW: 120.8 kDa

Gene Summary: This gene encodes a member of the CATERPILLER family of cytoplasmic proteins. The encoded protein, which contains an N-terminal pyrin domain, a NACHT domain, a NACHT-associated domain, and a C-terminus leucine-rich repeat region, functions as an attenuating factor of inflammation by suppressing inflammatory responses in activated monocytes. Mutations in this gene cause familial cold autoinflammatory syndrome type 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]

Product images:



Circular map for RC233196