

Product datasheet for **RR206718**

Nlr1 (NM_001025010) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlr1 (NM_001025010) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nlr1
Synonyms:	RGD1311293
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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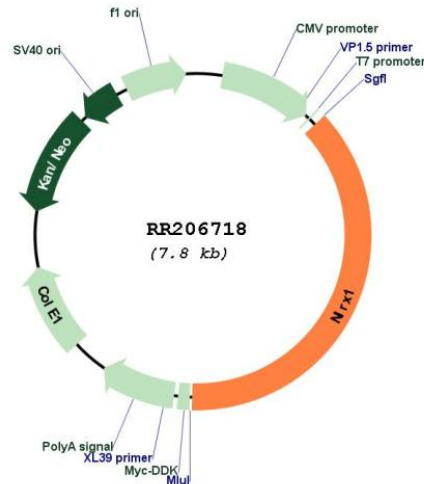
ORF Nucleotide
Sequence:

>RR206718 representing NM_001025010
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGTGGGCTGCCATTTGCCAGGACCTCTGGGGCTCTGGCCTGGGAAGAACAGTCCCCTCCAG
 ACGAGCTCCGATTTCAGTCGAGCTGGCCCTTAAAGGGTGCATCATCCCCTTAGCCCCCTAGGGCCTT
 TATCCGTCACCATGAAAACCGGACAGAGTCTCCCCACCAGGGAGGCATGGGAGCTGTTTCAGGAGC
 ATCTCTGCCACTGAAGCTATCCAAAGGCATCGTCGGAACCTCACTGAGTGGTTTAGCCGGCTGCCAGAG
 AGGAGCGCAGTTTGGACCAACCTTTGCTCTAGACACAGTTCACGTTGACCCCGTATCCGAGAGAGCAC
 CCCAGATGACCTGCTTCGTCCATCCACGGAGCTGGCCACAGGGCATCAGCGAACCCAGGCAGAGCTCCCC
 CCACTGGCCCTGTCTCAGCTCTTGACCCAGATGCCTGTGGGCGCCGCTGCAGACAGTGGTATTGTATG
 GGACCGTGGTACTGGCAAGAGCACATTGGTGCACAAGATGGTCTTAGACTGGTGTATGGGAGACTGCC
 TGCCCTTGAGCTGCTCATCCCCTTCTCCTGTGAGGACCTGTCATCCCTGGGCTCCACCCAGCTTCTTA
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 TTAGCAGGTGTGCGAATGACACCCTCAAGTGCACGGTGGTAGCGTCTGTACTGGGAAGTGGACGGCACC
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 TGCTCCGAGACTTGAAGACAGCAGAGGTGCCACCCTAATCCTTGGCGCAAGGCTCAGCTTCTGCGGGT
 GGAGAGCGAGGTCAAGACTCTTCTGGAGCAGCTGGGAGGCTCTGGACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_001025010

ORF Size: 2919 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.

RefSeq: [NM_001025010.1](#), [NP_001020181.1](#)

RefSeq Size: 3554 bp

RefSeq ORF: 2922 bp

Locus ID: 315599

UniProt ID: [Q5FVQ8](#)

Cytogenetics: 8q22
MW: 107.6 kDa
Gene Summary: Participates in antiviral signaling.[UniProtKB/Swiss-Prot Function]