

## Product datasheet for **RN206718**

### **Nlr1 (NM\_001025010) Rat Untagged Clone**

#### **Product data:**

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



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Fully Sequenced ORF: >RN206718 representing NM\_001025010  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGGTGGGCTGCCATTTGCCAGGACCTCTGGGGCTCTGGCCTGGGAAGAACAGTCCCCTCCAG  
 ACGAGCTCCGATTTCAGTCGAGCTGGCCCTTAAAGGGTGCATCATCCCCTTAGGCCCCCTAGGGCCTT  
 TATCCGTCACCATGAAAACCTCGGCAGACAGTGCTCCCCACCAGGGAGGCATGGGAGCTGTTCCAGGAGC  
 ATCTCTGCCACTGAAGCTATCCAAAGGCATCGTCGGAACCTCACTGAGTGGTTTAGCCGGCTGCCAGAG  
 AGGAGCGCAGTTTGGACCAACCTTTGCTCTAGACACAGTTCACGTTGACCCCGTGATCCGAGAGAGCAC  
 CCCAGATGACCTGCTTCGTCCATCCACGGAGCTGGCCACAGGGCATCAGCGAACCCAGGCAGAGCTCCCC  
 CCACTGGCCCTGTCTCAGCTCTTGACCCAGATGCCTGTGGGCGCCGCTGCAGACAGTGGTATTGTATG  
 GGACCGTGGTACTGGCAAGAGCACATTGGTGCACAAGATGGTCTTAGACTGGTGTATGGGAGACTGCC  
 TGCCCTTGAGCTGCTCATCCCCTTCTCCTGTGAGGACCTGTCATCCCTGGGCTCCACCCAGCTTCTTA  
 TGCAACTTGTGACCCAGCGTTACACACCCTGAAAGAGGTGTTGCCCTGATGAATGCTGCTGGATCCC  
 GCCTGCTCTTTGTGCTCCATGGCTTGAACGCCTCAACCTTGACTTCCGGCTGGCAGGCACAGGGCTTTG  
 CAGTGACCCGGAGGAACCCGGGGCACCAGCTGCCATCATGGTCAACCTGCTGCGCAAATACATGTTCTCT  
 GAGGCCAGCATTCTGGTAACCAACCCGGCCCTCCGCCATTGGCCGTATCCCTAGCAAGTACGTGGGCCGCT  
 ATGGTGAATCTGTGGCTTCTCGGATACCAACCTGCAGAAGCTCTACTCCAGCTCCGCCTTAACAGCC  
 TGACTGTGGGTATGGTGTGGGGTACAGGTGTCTCAGTTACACCAGCTCAGCGGGACAATCTCATTCAA  
 ATGCTGTCCCAGAACTGGAGGGGACACCAGATCGCAGCCGCTGCTTTCTGCCCTCTACTGCTGGC  
 TTGTCTGTGCTACCTTGCACTTCTGTCATGCTCCACATCTGCTGGTCAAGACTCTCACAAGCATCTATAC  
 CAGCTTTCTACGCTGAACTTCAATGGGAAACACTGGACAGCACCGACCCTCCAACCTTATCCCTGATG  
 TCCTATGCAGCCCGACTATGGTAAGTTGGCCTATGAGGGGTGTCATCCCGAAAGACCTACTTCTCTG  
 AAGAGGATGTCGGTGGCTGCCTGGAAGTGGCATCAAGACAGAGGAGGTTTCAGCTGCTCCAGATCTT  
 CCGCCGGGATGCCCTGAGGTTTTCTGGCCCCGTGTGTGGAACCCAGGGCACCTGGGTACCTTCGTATTC  
 ACCGTACTGCCATGCAGGAGTATCTGGCTGCCCTCTACATCGTGTGGTTTGGCAAGACAGCCCTGC  
 AGCGGGTGGGCAAAGAAGTGTGAAATTTGTGGCCGTGTGGGAAGATGTCAGCCTGGTATTGGGCAT  
 TGTGGCCAACTGTTGCCCTGCGGATTCTGCCTGCTATTCAACTTGCTTAAGGTGGTCCACAGAGTG  
 TTTGGGCGCATGGTGAAGTGAAGTGCAGGCGGTGGCTCAGGCCATGGTGTGGAGATGTTCCGGGAGG  
 AAGACTATTACAATGACGATGTTCTGGATCAGATGGGTGCCAGCATCCTGGGTGTGGAGGGCCCCGGCG  
 CCACCCAGATGAACCCCTGAGGATGAAGTCTTTGAGCTCTTCCCATGTTTCATGAGTGGACTTCTCTCT  
 GCCCAATCGGGCGGTGTTGGCTCAGCTTGGCTGTCCCATTAAAGAACCTGGATGCCCTGGAGAATGCC  
 AGGCAATCAAGAAGAACTGGGGAAGATGGGTCCGACAGGTGCTGCCCCCTCGGAGCTTCTTGACCATCT  
 CTTCTTTCACTATGAGTTCAGAACCCAGCGCTTCTCAGCTGAGGTGCTGGGCTCCCTACGACAGCTCAAT  
 TTAGCAGGTGTGCGAATGACACCCTCAAGTGCACGGTGGTAGCGTCTGTACTGGGAAGTGGACGGCACC  
 CCCTGGATGAAGTGAACCTGGCTCCTGCCAGCTGGACCCCGCTGGGCTACACACTCTCATGCCTGTTCT  
 CCTGCGGGCCCGAAACTGGGGTTGCAACTCAACAATCTGGGCCCTGAGGCTGCAGAGACCTCCGAGAC  
 CTGCTGTTACATGACCAATGCCAGATCACCACTCTCCGGCTGTCCAACAACCCACTGACAGCAGCAGGGG  
 TGGGTGTGCTGATGGACGGGCTGGCAGGAAACACTTCGGTGCACACCTGTCCCTGCTGCACACTGACCT  
 TGGAGATGAGGGACTGGAGTTGCTGGCTGCCAGCTGGACCGTAACAAACAACTACAGGAACTGAATGTG  
 GCCTACAATGGTGTGGGACACGGTGGCTCTGGCCTTGCTAAGGCTGCTCGGAAGCACCCGCTCCCTGG  
 AGCTGCTGCACCTCTACTTCAATGAGCTGAGTTCAGAGGGTCCAGGCTCCTGCGGGATTTGGGCGGCTC  
 TGGCGAAGGTGGTCCCGGTTGTAGCCTCGTGCAGAGGGGACAGCGGTGCTGAGTACTGGTCAAGTGC  
 ATCCTCAGTGAAGTCCAACGCAACCTCAACAGCTGGGACCCTGTCCGGTCCAGCGCCATCTCAAGTGC  
 TGCTCCGAGACTTGAAGACAGCAGAGGTGCCACCCTTAATCCTTGGCGCAAGGCTCAGCTTCTGCGGGT  
 GGAGAGCGAGGTCAAGACTCTTCTGGAGCAGCTGGGAGGCTCTGGACAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001025010  |
| <b>Insert Size:</b>           | 2922 bp   |
| <b>OTI Disclaimer:</b>        | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001025010.1</a></u> , <u><a href="#">NP_001020181.1</a></u>   |
| <b>RefSeq Size:</b>           | 3554 bp   |
| <b>RefSeq ORF:</b>            | 2922 bp   |
| <b>Locus ID:</b>              | 315599  |
| <b>UniProt ID:</b>            | <u><a href="#">Q5FVQ8</a></u>   |
| <b>Cytogenetics:</b>          | 8q22  |
| <b>Gene Summary:</b>          | Participates in antiviral signaling.[UniProtKB/Swiss-Prot Function]   |