

Product datasheet for **RN217386**

Nlrp4 (NM_001172164) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nlrp4 (NM_001172164) Rat Untagged Clone
Tag: Tag Free
Symbol: Nlrp4
Synonyms: Nalp4; Nlrp4e; RGD1563529; RGD1564841
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217386 representing NM_001172164
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCATCATTCTTTCTGATTTTGGCCTTATGTGGTACTTGAAGAGTTAAACAAGAAAGAATTCGTGA
AGTTAAAGGAATTCCTCAAACAGGAGATTTTGCAGTTGAGGCTGAAACAGATTTCTTGACCAAAGTGAA
GAAGGCATCTCGGAAGACCTTGCCAACCTACTGTTGAAACATTATGAGGAGAAGCAAGCCTGGGACATG
ACCTTCAAATCTTCCAGAAGATGAACAGGAAGGATCTCATTGAGAGGGCAGGAAGAGAGATTGCTGGTC
ACTCAAAGTTATATCAAGCTCATTGAAGAAGAAGCTGACCCATGATTATGCCAGAAAGTTAAACATCAA
AGCTCAAGATCTCTTAAAGCAGAAATTTACCCAGGATGACTGTGATCGTTTTGAGAACCTTCTTGTATCA
AAGGCAACTGGAAAGAAGCCACACATGGTGTCTACAAGGAGTGGCGGGAATTGGCAAGTCACTGATGT
TGACAAAGTTAATGCTGGCCTGGTCAGAAGGCATCGTGTTCAGAACAATTCCTACATCTTCTACTT
CTGCTGTCAAGATGTGAAGCAGTTAAAGAGAGCAAGTCTGGCAGAAGTATCTCCAGAGAGTGGCCCAAT
GCCTCGGCTCCACAGCGGAGATCCTCTCCAGCCGGAGAAACTTTGTTTATCATCGACAGCTTGAAG
TGATGGAATGCAATATGTCGGAACGGGAATCGGAGCTGTGTGATAACTGCACGGAGAAGCAGCCGTGAG
TTTACTGCTGAGCAGTTTGTCTCAGGAGGAAGATGCTCCCGAATCCTCTTCTCATCTCCGCTACCCCA
GAGACTTTTGAGAAAATGGAGGACAGGATTGAGTGCACCAATGTGAAAATAATAACAGGATTCAATGAGA
ACAATATTAAGATGTATTTCCGAGCTTGTCCAAGATAAGAACAGAACCTGGAGGCCCTCAGTTTAGT
GAGAGAAAATGAGCAGCTGTTCAATGTATGTCAGGTCCCTGTGCTCTGCTGGATGGTGGCTACCTGTATT
AAAAAGGAGATAGAGAAGGGAAGAGACCCAGTCTTCATCTGCCGAGTACCACCTCTCTGTACACCACTC
ACATCTTCAATTTGTTCACTCCACAAAATGCCAGTATCCAAGTAAGAAAAGCCAAGACCAGCTGCAGGG
CTTGTGTTCTCTAGCTGCCGAGGCATGTGACCGACACATTTGTGTTTAGTGAGGAGCGCTCAGGAGA
AATGGAATCCTGGATTCTGACATCCCACATTGCTGGACAGACGGATCCTTGAAAGGAGCAAGGAATCTG
AAAGTTGTACATTTTCTCCACCCATCTCCAGGAGGTCTGTGCTGCGTCTTTTATCTGCTAAAGAG
CCACTTGGACCACCTAGCCAGGACGTAAGAGGTAGAGGCACTCTGTTTACATTTCTGAAGAAAGCC
AAAGTACAGTGGATCTTTTAGGCTGTTTCTCTTTGGCCTTTTACATGAATCGGAACAAGAAAAGCTAG



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AGATGTTTTTCGGCCACCAGTTGTCCCAGGAAATAAAGCATCAGCTGTATCAGTGCCTGGAAACCATAAG
TGTC AATGAAGAGCTTCAAGAACAGATAGATGGCATGAAGTTGTTTTACTGTCTGTTGAGATGGAGGAT
GAAGCCTTCTTAATGCAAGCAATGAAGTGTATGGAGCAGATTAACCTTTGTGGCTAAGGATTATTCTGATG
TTATTGTTGCTGCCTACTGCTTAAAACACTGTTCTACCCTGAAGAAACTATCCTTTTCTACCCAAAATAT
CCTGAGTGAAGAACAAGAACACAGCTATACGGAAGGCTACTCATCTGTTGGCATCATATGTGCTCTGTG
CTTATAAGCAGTAAGGACATCCACGTAACCAAGTAAAAGACACTAATCTCAATGAGACAGCCTTTTGGG
TCTTGTATAATCATCTGAAGTACCCAGCTGCACCCTTAAAGTACTCGTGGTCAATAATGTGACCTTCTCT
GTGTGATAACCACCTATTCTTTGAGTTGATTTCAGAACCAACGTTTGCAGCACCTGAACCTCAGCCTCAGG
TTCTCTCCCACAGTGATGTGAAACTGTTGTGTGATGTCTTGAACCAGGCCGAGTGAACATAGAAAAGC
TGATGATAGCAGCCTGTAACCTTTCCCCTGATGACTGCAAGGTCTTTGCCTCTGCTGATCAGCAGCAA
GATGTTGAAGCATCTTAATTTGTCATCCAACAACCTGGACAAAGGGATCTCCTACTGTGCAAGGCTTTG
TGCCACCCAGACTGCATTCTGAAGCACCTGGTGTAGCCAACCTGTTCCCTCAGTGAGCAATGTTGGGACT
ATCTCTCAGAAGTTGTTAGGCGGAACAAAACCCTGAGCCACCTAGACATCAGCTCCAATGACCTGAAGGA
TGAGGGACTGAAAGTTCTCTGTGGAGCTCTGACTCTCCAGACAGTGGCCTGATATCACTAAGTGTGAGA
CATTGTCTCATCACCAGTGGTGGCCAGGACCTGGCTGAAGTCTTGAAGTCTTGAAGTCTGCTGTGTGATGCTATAAAGCAACC
GCCTACAGGTTTCAAACAATAAGATCGAAGACGCTGGTGTGAAGTCTGCTGTGTGATGCTATAAAGCAACC
CAACTGCCACTTAGAGAATATTGGGTTGGAGGCCTGCGAGCTAACTGGTGCCTGTTGTAAGGATCTTGCT
TCTGCTTTTGTCCACTGTAAAACCTGTGGGGTATCAACCTGCTAGAGAACGCCTTGGACCACAGTGGGT
TGGTCTGCTCTTTGAGGCTCTGAAACAGCAAAAGTGTACCCTGCATGTTCTTGGACTTCGAATTACTGA
CTTTGATAAGGAAACCCAGGAGTTCTGATTGCAGAGGAAGAGAAAAACCCATATTTGAGCATCCTAAGC
AATGTATAA
  
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001172164
- Insert Size:** 2949 bp
- OTI Disclaimer:** 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001172164.2](#), [NP_001165635.2](#)
- RefSeq Size:** 3387 bp

RefSeq ORF: 2949 bp
Locus ID: 499069
Cytogenetics: 1q12