

Product datasheet for **RN207947**

Nlrp5 (NM_001107474) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp5 (NM_001107474) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp5
Synonyms:	Nalp5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207947 representing NM_001107474

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAAAGTATTGTCTGATGCTTTTAAACCACACCAGAAAACCTTCAGGCCGCACACCATTATCCTACATG
GAAGACCAGGAGTTGGGAAGTCGGCTTTGGCCAGAAGTATCATTCTGGGCTGGGCACAGGGTAAACTCTA
CCAAGACATGTCCTATGTCTTCTCTCTGTGACAGAAATGAAGTGGACAGAAAAGAGTAGTTTGGCA
CAGCTGATGGCCAACGAGTGGCCACACTCCCAGGCTCCAGTGACAAAGATCATGTCCCAACCAGAAAGAC
TCTTGTGTCATAGATGGTTTGGACGATATGGACTCTGCCCTCCAACATGACGATATGACACTCTCCAG
AGACTGGAAGGACAAACAGCCCATATACATCCTGGTGTACAGCCTCTGAGGAAGGCCCTCTATCCAG
TCCTTTCTCATCATTACCACCAGAAACACAGGCTTAGAAAACCTCAGGTCGATGGTGGTGTCCCCCTCT
ACATACTGGTTGAAGGACTATCTGCATCAAGGAGATCTCAACTAGTCTCGAGAACATCCCCGATGACCA
TCAAAAAATACAAGTCTTCCATTCTGTGATAGAAAATCACCAGCTATTTGACCAAGCCAGGCCCTCTCC
TTTTGCTCGCTGGTCTGTGAGGCTCTACAGCTGCAAGAGAAGCTGGGTAAAGAGATGCACCTACCTGCC
AGACTCTCACTGATTTATATGCCACCTTGGTGTTCACACAGCTCACCTCAAGAGGGCCTTCCCAGAGGGC
ACTCAGTAAGGAAGACAAATTACCCTAGTGGGTTTGTGACGATGGCACTGGAGGGAGTGTGGACCATG
AGGTGGTGTCTATGATGATGACCTGAAGAGCTACAGTCTAAAGCAGTCTGAGATCTCAGCCCTCTTTC
ACGTGAACATCCTTCTCCAGGTTGGCCACAGCAGTGAGCAGTGTATGTTTTCTCGACCTCAGCCTGCA
GGATTTCTTGTGCCTTATATTATGTTTTAGAAGGGCTGGGGGAATGGAATCAGTATTTTCTACATT
ACAAACCAAGGAACATCATGGAGGTGAAGAGATCCAGCGACTCTCACCTCTCGAGATGAAGCGTTTCT
TATTTGGCCTCATGAACAAGGATACCTTGAAGACTGTGGAGTTCTGTTTCGATGTCCCGTGACCCCGCC
TATTAAGCAGAAGCTCCAACACTGCCTCTCTGATAGGTGACGAGGTCAATGGCTCCAGCCCAATGGAT
ACCCTGGATGCCTTCTACTATCTCTTGTAGTCTCAGGATGAAGAGTTTGTTCACATGGCTCTCAAAAGCT
TCCAAGAAGTGTGGCTTCTGATTAACCAGAAGATGGACTTGATGGTATCTTCTACTGTCTCCAGCAGTG
TCAGAACTTGAAGGCAATCCGGGTGGATATCAGTGACCTCTTCTCAGTGGATAATACTCCCAAGCTGTGC
CCTGTGCTCTCCAGAAGACACAATGCAAGCCCTCATCATAGAGTGGTGGGAAAACCTTCTGCACTGTGC
TCAGCACCATCCGAACCTGAAGACACTGGACTGGGCCACAGCATCTGAATGAATGGTCCATGAAGAT
TCTATGCCTCAAGCTGAGGAATTCATCTGCAGCATACAGAATCTAACGTTTAAAGATTCAGAGGTAGTT
TCTGGCCTGCAATATCTCTGGATGCTCCTTGTAGCAATCGGAACCTAAAGTACCTCAATCTAGGGAACA
CGCCCATGAAGGACGATGACATCAAGTTAGCCTGTGAAGCACTGAAACATCCAAGCTGTTCCCTGGAGAC
CCTGAGGTTGATTCTGTGAGTTAACCCTCACTGGTTATGAGCTGATCTCCAAGCTCCTCTTTAGGCC
AGCAGCCTAAAGTGTCTCAGCCTGGCCAGAAAATAAGGTGGGGGTAAGAGATATGACATCCCTTGGGGAAG
CCTTGAGTAGCTCTACATGTACACTGCAGAAGCTGATACTGAATCATTGCAACATTATCAAGGATGCCTA
CGGCTTCTGGCGTTGATACTGGCAAACAACAGAAAGCTGACGCACCTGAGCCTGACCATGAACCTGTG
GGAAATAGTGAATGAAGCTACTGTGTGAAGCTTTAAAGGAGCCAACCTTGCTACCTTCAAGACCTGGAAC
TAGTGGACTGCCAGCTCACGGAGAACTGCTGTGAAGACCTGGCCTGTATGATCACAACAACCAAGCACTT
ACAAAGCTTGGATCTTGGGAACAATGCCCTCGGTGACAAAGGAGTCATAACCCTGTGCAAGGACTGAAG
CAAAGTAGCAGCTCCCTGAGGAGACTTGGGTTGGCAGCATGTGGGTTGACTTCCAAATGCTGTGAGGTAT
TGTCATCGGCCCTCTCTTGAACCCGTACCTGAACAGCCTGAACCTAGTAAGAAATGACTTCAATACATC
AGGGATGTTGAAGCTCTGCTCTGCGTTCCAAAACCCTGCCTCTAACCTGTGGATAATTGGCCTGTGGAAG
CAGCAGTTCTATGCCAGGTGAGAAGACAGCTGGAAGAAGTGCAGTTTATCAAGCCCCACGTGGTGATTG
ATGGTGACTGGTATTCTATTGATGAAGATGACCGTAACCTGGTGGAAAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107474

Insert Size:

2643 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).
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:	<u>NM_001107474.1, NP_001100944.1</u>
RefSeq Size:	2931 bp
RefSeq ORF:	2643 bp
Locus ID:	308325
Cytogenetics:	1q12