

Product datasheet for **MC223002**

Nlrp14 (NM_001002894) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp14 (NM_001002894) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp14
Synonyms:	4921520L01Rik; GC-LRR; Nalp-iota; Nalp14; Nalp14l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223002 representing NM_001002894 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGACTGAGGATGATGAGATGGAATACGAAGCTTCTAAAGAGGAAACCGTGAGTGAGGACAAAGACT
TTGATGATGGAATAGACTACAGAACTGTAATAAGGAAAACATTTTTACTATGTGGTATAAGACCTCTTT
GCATGGAGAATTTGCACTTTAAATTGTGTAATTACACCTAAAGACCAAATCTGCTGCAGCATATATTT
GATGAGGATATCCAACTTCCGAGGCTCCACAACGGTAGTCCTTCAAGGAGCTGCTGGAATTGGGAAGA
CAACATTGTTGAAAAGGCAGTCTTAGAATGGGCAGATGGCAATCTCTATCAGCAGTTTACCCATGTATT
TTATCTCAATGGGAAAGAGATTAGCCAAGTAAAGGAGAAAAGCTTTGCTCAGTTAATATCAAAGCACTGG
CCTAGCAGCGAGGGCCCCATTGAACAGGTCCTGTCTAAACCCAGCAGTCTCCTCTTTATAATCGATAGTT
TTGATGAACTGGATTTCTCCTTTGAAGAGCCACAGTTTGCAGTGTGTAAGACTGGACCCAGATCTCCCC
AGTGTCTTTTCTCATTAGTAGTTTGCTGAGGAAAGTGATGCTTCTCTGAGTCTACTTATTAGTAGCGACA
AGATCCACAGCTTGAAGCGACTAGTGCCTTTATTGCAAAAACCTCAACGTGTAAGCTGTCAGGGCTGT
CTAAGAATGCAAGGATGGACTATATCACCATTGTTGAAAGATAAGGCATGGGCTACGAGTGCAATTTA
TTCCTCAAGGACAAGTGGAGAAAGTGGCCGTGTTGAAGAGACCTGCAAACCCAGCAGGCTCTGTTCA
CATACTATCTGCAGCTTATTTCCACGCATACCTGTGGGCTGTGTTACTCTGCCAATGAAACCCCTGTT
GAGGAGCCTGTGCAAGGCTGCTGTTGAAGGCATCTGGACAATGAAGCATGTGCTTTACCAGCAAAATCTC
CGAAAGCATGAATTAACCAGAGAGGACATTTTGTCTTTCTGGATGCAAAGGTTCTTCAGCAAGACACTG
AGTATGAAAACCTGCTACATGTTCACTCACCTCCATGTTCAAGGATTTTTTGCAGCTCTTTTTACTTGCT
GAGAGAGAATTTAGAAGAACAAGACTATCCCTCTGAACCTTTTGAACCTTTGATCTGTTGCTTGAAGC
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TACGACAACTGGAGGAACTTTCAACCTTACAATATCCATGGAGGTAAGAGAAGAGTTACTTGCATGCT
GGAAGGATTAGAAAAGGATGACTCTTCTATCACAGCTGAGATTTCAAGACTTGCTCCACTGTATATAT



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GAGACTCAAGATCAAGAATTCATCACTCAGGCACTGATGTATTTCCAAAAGATTATCGTGAGGGTTGACG
 AAGAACCCAGTTGCGTATATATTCATTCTGTCTTAAGCACTGCCACACTCTAAAGACTATGAGACTGAC
 AGCAAGGGCAGACTTGAAAAATATGTTGGACACAGCTGAAATGTGCCTTGAGGGTGTCTGTTCAAGTC
 ATTCACTACTGGCAAGATCTGTTTTCTGTGCTTCATACAAATGAGTCCCTGATAGAAATGGATCTGTATG
 AAAGCAGACTTGATGAATCATTGATGAAAATTTGAATGAAGAATTAAGTACCCAAAGTGTAACTACA
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 AAGGTGACACATCTTGACCTGAAAGAACTGATTTAGGAGTCAATGGACTAAAGACCTTATGTGAAGCCT
 TGAAATGCAAAGGATGTAATTACGGGTGCTTAGGTTGGCATCCTGCGACCTGAATGTAGCCCGTTGTCA
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 CAAGCTGTGGCCTCACAAAAGCTGGTTGTAAGTCTTTCTCGGCTCTCACAAAAGCAAGAGGCTGAC
 ACATTTATGCTTGTGAGACAACGCTCTTAGAAGATGAAGGGATAAAGCTGCTCAGCCATACCTTGAAGCAT
 CCACAGTACTCTGCAGAGCCTTGTGCTTAGGCTTGCAGTTTCACTCCGATTGGCAGTGAGCATCTCT
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 GTTCTCACGAGTAAGGCTTGTGGGGATCTGGCTTCTGTTCTTGTGAACAACCTCAAACCTTGTGGAGCCTAG
 ACCTTGGGCACAATATCTTGGATGATGCTGGTCTGAATATTCTGTGTGATGCTTTAAGAAATCCCAACTG
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 ATCTATGTAAAGTCTTGAGATCTCCAACATGCAAAATGGAATTTCTAGCGTTAGACAAAAAGGAAATATT
 GAAGAAGAAAATCAAGAAGTTTCTGGTCGATGTAAGAATTAATAATCCACATTTGGTCATTGGGCCAGAG
 TGTCTAATACAGAAAAGTGGGTGCTGGTGAATTATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001002894

Insert Size: 2982 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: [NM_001002894.2](#), [NP_001002894.2](#)

RefSeq Size: 3297 bp

RefSeq ORF: 2982 bp

Locus ID: 76858
UniProt ID: [Q6B966](#)
Cytogenetics: 7 E3
Gene Summary: May be involved in inflammation and spermatogenesis.[UniProtKB/Swiss-Prot Function]