

Product datasheet for **MC225042**

Nlrc5 (NM_001033207) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrc5 (NM_001033207) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrc5
Synonyms:	AI451557; AK220210; NOD27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225042 representing NM_001033207 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGCTGAGAGCATCCGACTGAACAATGAAAACCTGTGGCCTGGCTTGTGAGGCTGCTGAGCAAAA
ACCCAGAATGGCTGAGTGCCAAGCTTAGGTCTTCTCCCGACCATGGACCTGGACTGCAGCTATGAGCC
CTCCAACCCTGAGGTCATCCACCGTCAGCTCAACAGGCTGTTCCGCCAAGGCATGGCCACCTGGAAGTCT
TTCATCAATGATCTGTGCTTCGAGCTTGATGTACCTTTGGACATGGAGATACCACTAGTGAGCATCTGGG
GCCAAGAGATGAATTCTAAGCAGCTAGGGGAGGAGAGAGCTGCCCTGGACCTCAGCTGTACCA
TGGTGCCAAACGTCCTTTTCAGAGCTATGGGTCTCACCCGTCGGAAGAAGCAAGAAGCAGCAGCTC
GAGTTGGCCAAGAAGTATCTGAAGCTCCTGAAGACCTCTGCCAACAGTGGCATGGTGGTGTGTGCCAG
GAGCATGGCTTACTCCTCACTCCCCACAGACCTACATCCCCCAGTTCTTCAGTGGAGCCGGGTACAGC
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CAGGATCTTTCAGCTTCAAGGCTCACAAAGGACCTCGAGTGACAGTACTACTGGAAAGGCTGGGATGG
GTAAGACCACTCTGGCATATCGGCTCCGCTGGAGGTGGGCTCAAGGTCAGCTGGACCGCTCCAGGCTCT
GTTCTGTGTTGAGTTCGCCAGCTCAACATGATCACACAGTTGCCGACCTGCCAGCTCCTCTTTGAT
CTGTACTTGATGCCAGAGTCAGAGCCTGATGCTGTTTTTCAGTACCTAAAGGAGAATGCTCAGGAAGTCC
TACTGATCTTTGATGGGTTGGATGAGGCTCTCCATGCTGATTCTGTGGTACTGACAATGCAGGCTCGGC
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CCTGGGAACTGCCTTCTGTGTGCCACAGAAGCAGCCACGGTACACATGTGGGCTTTGATGGCTAC
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AGATGGTGGAACTTTTAGCCCCAGTGAGACTCTGCTTGACACATCCATTTTGGGCTTTGAAAGGTGGC
CCTTAGGGGACTGGACTGGGAAAGTCGTCTTCTGTGGAAGACATCTCTCCCAACTGATGTCTTTT



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GGAGCTGTCCACAGCCTCTGACCTCCTTCTGTATCCACACCCGCCCTGGGCATGAAGAAATAGGCTATG
 CTTTTGTCCACCTTAGCCTGCAGGAGTTCTTTGCTGCTCTGTATCTGATGGCCAGTACACAGTGGACAA
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 TGCAGCTTCCAGCCAGAACAAGTATCCAATTTGGCTTCCAGCCTGAGCCAGGCCAACAGCTCACAGAGC
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 AGGGTGTGGCCTCAGGTTGGAAGAGCCCTGGGTGGACTCTGTCAGCTTACCAGCTCTAATGGAAGT
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 CGAGCACAGCCATCTTATGATACAGTTGGTGGAGACATATGCCAGACTGCAGCAGCTGAGCTTGTCTCAG
 GTTAGCTTCAATGACAATGATGGCACCAGCTCCAAGCTGCTGCAGAACATCCTGCTATCAAGCTGTGAGC
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GGGGAGTGCAGCTGGTGAAGTCTCTCACCCATTCGAGCACTTGGAGGAGATCAAACCTGGGCAACAATGC
TCTGGGGAGCCACAGCCCTGGAGCTGGCTCAGAGATTGCCCCACAACCTCAGGGTCTGTGCCTGCCA
TCCAGTCATCTGGGTCCAGAGGGGGCCCTGGGCCTGGCCAGGCCCTGGAGCAATGCCACACATAGAAG
AGGTCAGCTTGGCAGAGAATAACCTGGCTGGAGGTGTCCACGTTTCTCCAAGAGGCTCCCAGTCTTAG
ACAAATTGACCTGGAGTTCTGCAAGATTGAAGACCAAGCTGCCAGGCACCTTGTGCCAACCTCACACTC
TTCCCAGCCCTGGAGAACTCTGTGTCCGGGAATCTCCTTGGAGATGAGGTGGCTGCTGAGTTGGCCC
AGGTCCTGCCGAGATGGGACAGCTGAAGAAAGTGAACCTGGAGTGAACCGGATCACAGCACGTGGAGC
CCAACCTGGCTCAAGGGCTGGTCCAGGGATCCTGCGTCCCAGTCATTGCGCTCTGGAACAACCCATT
CTTAACGATGTGGCCAGAGTCTGCAGAGCCAGGAACCCAGGCTGGACTTCTCCATCACTGACCAGCAGA
CTCTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033207
- Insert Size:** 5748 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_001033207.3](#), [NP_001028379.2](#)
- RefSeq Size:** 6945 bp
- RefSeq ORF:** 5748 bp
- Locus ID:** 434341
- UniProt ID:** [C3VPR6](#)
- Cytogenetics:** 8 C5
- Gene Summary:** Probable regulator of the NF-kappa-B and type I interferon signaling pathways. May also regulate the type II interferon signaling pathway. Plays a role in homeostatic control of innate immunity and in antiviral defense mechanisms.[UniProtKB/Swiss-Prot Function]