

Product datasheet for **MC221100**

Nhlrc2 (NM_025811) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Nhlrc2
Synonyms:	1200003G01Rik; AI835049; AV002846; AW496455
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221100 representing NM_025811
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGGCTCCCGAGCGCGCGCGGAGCCTCTCGGGCCTGCTGCCCCGCGAGACCTCGCTCGAGTACG
 CCCTGCTGGACGCCGTCACCCAGCAAGAGAAGGATGAGTTGGTCTACCACTATCTGCAGAAGGTGGACGG
 CTGGGAGCAGGACCTAGCGGTGCCCGAGTTCCGGAAGGCTTAGAATGGCTGAACACGGAGGAGCCTCTG
 TCCATTTACAAGGACCTGTGTGAAAAGTGGTTGCTCTTGATTCTTCACTACTGCTGCATAAACTGCA
 TTCATGTGCTGCTGATCTCCACGCCCTGGAGCGCAGATTCTGATAAAGATGGCCTTCTGATTGTCGG
 TGTTCACCTCGGCTAAGTTTCCAATGAGAAGTCTGGACAACATCAAGAGTGTGTCTCAGATACAAC
 ATCACCCACCTGTGGTTAACGATGCAGATGCCAGCCTTTGGCAGGAGCTTGAAGTCTCTTGCTGGCCAA
 CACTGGTCATACTGGGACCCCGTGGAAACCTGCTGTTTTCTTTGATTGGAGAGGGACACAGAGATAAACT
 ATTTTCATATACGCTCTATTGCTTTAAAGTATTACAAAGACAGGGGACAGATCAGAGATGGAAAAATTGGA
 ATAAAACTCTTCAAGAGTCTCTGCCACCTTCACCATTGCTGTTCCCTGGCAAAGTAGCAGTGGACCATG
 CTAAGTGTGCTGCTGTTGGTGGCAGACACAGGGCACCATAGGATCTTGGTCATCCAGAAGAATGGGCGCAT
 TCAGAGCAGCATTGGAGGACCTAACCTGGAAGGAAAGATGGGATGTTTCAGAGTCGTCTTTAATTCT
 CCACAGGGTGTAGCTATAGCAGATAATGTCATCTATGTGGCCGACACTGAGAACCACCTTATAAGAAAGA
 TAGACCTGGAAGCTGAGAAGGTGACCACTGTGGCTGGTGTGCGTATTCAAGGGACAGATACAGAAGGGGG
 CGAGGAGGGAGACAAGCAGCCCATCAGCTCCCGTGGGACGTTGCGCTTGGGACCTCAGGTTTCAAGGTC
 CAAAGAAATGACATCCTGTGGATAGCCATGGCAGGACTCATCAGATATGGGCACTCCTCTAGACTCTG
 GCACACTGCCAAAAGAAAGTGACCTAAAAAAGGAACCTGCATTGTTTTGCTGGAAGTGAAATGAAGA
 GAACCGAAACAACGCATATCCTCACAAGGCAGGCTTTGCCAGCCGTCAGGCCTCGCTCTCGCCTCAGAA
 GAGCCCTGGAGCTGCCTCTTTGTGGCTGACAGTGAGAGCAGCACCGTGGGACCGTCTCGCTGAGAGACG
 GAGCTGTGAAGCACCTCGTAGCGGAGAGCGAGACCCCATGAATTTATTTGCTTTTGGTGATGTTGATGG
 AGCAGGCATCAATGCCAAGCTTCAGCATCACTTGGGGTTGCATGGGACGAGGAGGCAAGTGCCTAC
 GTGGCCGACTCCTACAATCACAAGATTAAAGTTGTGGATCCAAAAACAAAAGGCTGTACAACGTTAGCAG
 GGACTGGGACGCCAGTGATGCCAGTTCCAGTTTTCGGAGTCAGCCTTTAATGAGCCCGAGGCTTGTG
 TATCGGTGAGAGTGGTCGGCTGTTATATGTAGCAGACACTAATAATCACCAATTAAGTGATGGATTTA
 GAAGCAAGAACAGTTTCTGTCTCCAGTCTGCAAGTCTGACAGTGTGTTGATAGTGGCTCCTTCCTA
 GAGAGAAACAGAAGACAGTGCCCAAGGTGCCAAGTCTGCCGCACACATCGGCCTCCCCCTGTGACGGT
 GCATCCGGGCCAGGCTCTGCAGCTTAGGCTCAAGCTCCAGCTCCCGCCAGGAGCAAAGCTGACCGAAGGC
 GCGCCAGCTGTGTTTCTGGAAGCTGAAGGCAATGAATGGCTACTTCAAGACAGACCCCATCTGGAG
 ACATAGAGAATATTTCCAATCAGCCGGCGATTTCCCTGCAGATTCCTACCCATTGCTTGTCACTGGAAGC
 TGTGGTGTCTGTCTGCTGTTTCTTTATTACTGCAAGTGCAGACAGCAGCGCATGTATGATGAAGGGAGTC
 GTGTTCAAGGACGCTTTGCAGATAACCCAGCACCCAGCAGCTTGTGAGCTCCTGTAGAGCTCGCATACG
 CATTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_025811

Insert Size:

2178 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025811.3 , NP_080087.1
RefSeq Size:	3934 bp
RefSeq ORF:	2178 bp
Locus ID:	66866
UniProt ID:	Q8BZW8
Cytogenetics:	19 D2
Gene Summary:	Required for normal embryonic development.[UniProtKB/Swiss-Prot Function]