

Product datasheet for **RN210188**

Nhlrc2 (NM_001107444) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nhlrc2 (NM_001107444) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nhlrc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210188 representing NM_001107444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGTCCCCGAGCGCGCGCGAGTCTCTCGGTCTTCTGCCCGCGCAGACCTCTCTAGAGTACG
 CCTGCTGGACGCGTCAACCCAGCAGGAGAAGGATGACCTGGTCTATCAGTATCTGCAGAAGGTGGACGG
 CTGGGAGCAGGACCTAGCGGTGCCTGAGTTCCGGAAGGACTAGAATGGTGAATACAGAAGAGCCTTTG
 TCGATTTACAGAGACCTGTGTGGAAAGTGGTCATCCTCGACTTCTTCACTTACTGCTGCATCAACTGCA
 TCCATGTGCTGCCGATCTCCACGCCCTGGAGCGCACGTTCTCTGACACAGATGGCCTTCTGATTGTCGG
 TGTTCACTCAGCTAAGTTTCAAATGAAAAGTCTGGACAACATCAAGAGTGTGTCTTCGGTACAAC
 ATACCCACCCTGTGGTTAACGACACAGATGCTAGCCTTTGGCAGGAGCTGAAGTCTCTGCTGGCCAA
 CACTGGTCATACTGGGACCCCGTGAACCTGCTGTTTTCTTTGATTGGAGAGGGTCACAAAGATAAACT
 GTTTTCATATACATCTATTGCTTTAAAGTATTACAAAGACAGAGGACAGATCAGAGATGGAAAAATTGGG
 ATAAAACTCTTTAAAGAGTCTTTGCCGCTTCACCATTGCTGTTCCCTGGCAAAGTAGCCGACAGACCTA
 CTACTGGTTCGGTGGTGGTAGCAGACACCGGGACACAGGATCTTGGTCTTTCAGAAGAACGGGCAGAT
 TCAGTACAGTATTGGAGGACCTAATCCTGGAAGGAAAGATGGGGTGTTCAGAGTCGTCTTTTCATTCT
 CCACAGGGTGTAGCTATCGCAGATAATGTCATCTATGTGGCCGACACTGAAAACACCTTATAAGAAAGA
 TAGACTTAGAAGCTGAGAAGGTGAGCACTGTAGCTGGCATCGGTGTTCAAGGGACAGATACAGAAGGCGG
 TGAGGAGGGAGACAAACAGCCATCAGCTCCCGTGGGACGTTGCACTTGGGACCTCAGGTTCAAAGGTC
 CAAAGAAATGACATCCTGTGGATAGCCATGGCAGGACTCATCAGATATGGGCCTTCCTCCTGGACTCTG
 GCACACTGCCAAAGAAAAGTGACCTAAAGAAAGGAACCTGCCTCCGTTTTGCTGGAAGTGGAATGAAGA
 GAACCGAAACAACGCATATCCTCACAAGCGGGCTTCGCCAGCCATCAGGCCTCGCTCTCGCTCCAGAA
 GAGCCCTGGAGCTGCCTCTTTGTGGCTGACAGCGAGAGCAGCACTGTGAGGACTGTCTCGCTGAGAGACG
 GAGCCGTGAAACACCTCGTTGGCGGAGAGCGAGACCCCATGAATTTATTTGCTTTTGGTGATGTTGATGG
 AGCAGGCATCAGTGCGAAGCTTCAGCACCCACTTGGGGTTCATGGGATGAGAAGAGGCATCTGCTCTAT
 GTGGCCGACTCTACAATCACAAGATTAAGTTGTGGATCCAAACACAAAAGTCTGTACAACGTTAGCAG
 GCACTGGAGATGCGAATGACGCCAGTTCAGTTTTGCGGAGTCGGCCTTAAATGAGCCGGGAGGCTTG
 TATCGGTGAGCGTGGTGGCTGCTCTATGTAGCAGACCTAATAATCACCAGATTAAGTGATGGATTTA
 GAAGCAAGAACAGTTTCTGTGCTCCCTGTCTTCAAGTCTGACAGTGTGTGGTAGACGGCTCCTTCCTA
 GAGAGAAACAGAGAGAGTGCCTAAAGTCCGAAAGTCCGCCCCAAATATCAGCCTCCCCCTGTGACAGT
 GCATCCGGGCCAGGCTCTGCAGCTCGGGCTCCGGCTAGAGCTTCCGCCAGGAGCAAGCTGACAGAAGGT
 GCCCCAGCGGCTGGTTCCTGAAAGCTGAAGGCAATGAATGGCTTCTTCAGGAACAGATCCCATCTGGAG
 ACATAGAGAATATTTCCAATCAGCCGGCAATCTCCCTGCAGATCCCTACTGAGTGCTTGTCCCTGGAGGC
 CGTGGTGTCTGTACCGTGTCTTTTATTACTGCACTGTGACAGCAGTGCATGTATGATGAAGGGAGTT
 GTGTTCCAGGCAGCCTTTGCAGATAAACAGTGTCCAGCCAGCGTGTGCAGCTCCTGTGGAGCTCACGTACG
 CATTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107444
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.
RefSeq:	<u>NM_001107444.1, NP_001100914.1</u>
RefSeq Size:	4565 bp
RefSeq ORF:	2178 bp
Locus ID:	307986
Cytogenetics:	1q55