

Product datasheet for **SC121574**

NHLRC2 (NM_198514) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NHLRC2 (NM_198514) Human Untagged Clone
Tag:	Tag Free
Symbol:	NHLRC2
Synonyms:	FINCA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_198514 edited
GAATTCGGCACGAGGGGTGAGGTGAATGCGCCGTTTGGAAACCACAGGACAGTGAACGTT
TCGTCTCTCCAGCGAGACTCTCCCGGGGCGCGGCCGCATCGGGAGCCCGGCGGAA
ACATGGCGGCGCCCGGAGGCCGGGGCCGAGCCTCTCCGGCCTGCTCCCGCGCAGACCT
CGCTAGAGTACGCCCTGCTCGACGCCGTTACCCAGCAGGAGAAGGACAGCCTGGTCTACC
AGTATCTGCAGAAAGGTGGACGGCTGGGAGCAGGACTTGTACGTACCCGAGTTTCCGGAAG
GATTAGAATGGCTGAACACAGAAGAACCCTATTTCTGTCTACAAGGATCTATGTGGAAAAA
TAGTCGTCTTGATTTTCTCACCTACTGTGCATAAACTGTATTACCTATTGCCTGATC
TCCATGCATTAGAACACACATACTCTGATAAAGATGGTCTTCTTATTATTGGTGTCACT
CGGCTAAGTTTCCAAATGAAAAAGTCTGGATAACATTAAGAGTGCTGTTCTTCGATACA
ACATCACCCACCCTATGGTTAATGATGCAGATGCCAGCCTTTGGCAAGAACTAGAAGTTT
CCTGCTGGCCAACTCTAGTCATACTTGGACCTCGTGGAACATGTTGTTTTCTTTGATTG
GAGAGGGACACAAAGATAAATTATTTTATATACTTCAATTGCTTTAAAGTATTACAAAG
ACAGGGGGCAGATCAGAGATAATAAAATTGGAATAAACTCTATAAAGATTCTTTGCCAC
CTTCACCATTGCTATTTCTGGCAAAGTAACAGTAGACCAAGTTACTGATAGATTGGTAA
TAGCAGACACTGGACATCATAGAATTTTGGTCGTTTGGAGAATGGACAAATTCAATATA
GCATTGGAGGACCAACCTGGAAGAAAAGATGGAATATTTTCAGAATCAACTTTTAATT
CTCCACAGGGGTAGCCATAATGAATAATATCATATATGTGGCAGACACTGAAAACCACC
TTATAAGAAAGATTGACCTAGAAGCTGAGAAGGTGAGCACTGTAGCTGGTATTGGAATTC
AAGGTACAGATAAAGAAGGTGGAGCAAAAGGAGAAACAACCCATTAGTTCCCTTGGG
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TGGCAGGACTCATCAGATATGGGCACTCTGCTGGACTCTGGCAAACTGCCAAAGAAAA
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ACAATGCCTATCCTCACAGGCAGGTTTTGCCCAACCTTCAGGCCTTTCTTTGGCCTCTG
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CACTGAAAGATGGAGCAGTGAAGCACCTCGTAGGAGGAGAAAGAGACCCCATGAATTTAT
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TAACATGGGACAAAAAAGGAATTTACTTTATGTTGCAGACTCTACAATCACAAGATTA
AAGTTGTGGATCCAAAAACAAAAAAGTACAACATTAGCAGGAAGTGGAGACACAAATA
ATGTTACCAGTTCCAGTTTTACAGAGTCAACTTTTAAATGAACCAGGAGGCTTGTGTATTG
GAGAGAATGGAGAATTATTATATGTAGCAGACACCAATAATCATCAAATTAAGTGATGG
ATTTAGAAACTAAAATGGTATCTGTGCTCCCATCTTCAGATCTGAAAATGCTGTGGTAG
ATGGCCCCGTTCTAGTAGAAAAACAGAAGACATTACCCAACTACCTAAATCTGTCCAA
GCATTAGGCTTTCCCCCGTGAAGTGCCTGTGCTGGCCAGACTCTTCAGTTCAAACCTCAGAT
TAGACCTCCCATCAGGATCAAAGCTAACTGAAGGAGTATCCAGTTGCTGGTTTCTAACAG
CTGAAGGCAATGAATGGCTACTTCAAGGACAGATAGCAGCTGGAGATATAGAGAACATTT
CCAGTCAACCAACAATTTCACTACAAATTCCTGATGATTGCTTATCACTTGAAGCCATTG
TATCTGTCAAGTGTGTTTCTTTATTACTGTAGTGCAGACAGCAGTGCTTGTATGATGAAG
CAATTTTGTTCAGTCAGCCTTTACAAATAACGGATACACAGCAAGGTTGCATAGCTCCAG
TAGAGCTCAGGTATGTATTTTAGCCAGCCAGCTAGCTAGCAACCCATTGCCACCACCTAC
TGTCTCCCATCCTGACTATCACTGTAATTTAAGGAAAGAAAACTTCAGTTCTGCCTCTGG
ATACCAAGATGCCATTGCTCAGTTCAGACAACTGATATTAATAAAGTATGCTCCTT
ACTTACTTCTTTTATTATAAACAATTCCTTTGCTTTGGCTGATACTAGCTGAGTCATTG
ATCATCATTGGTACCATGATATTGTAATCTATGCTGCTATTTGGCACAAGACTGAAGTTC
ACACTACAGTAGAGAATACTATAAGATAATTTGCAATAAATACTGATAATAATAAAAAA
AAAAAAAAAAAAAAGTTCGAC
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_198514 unedited
 CAAAATTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGGGTGAGGTG
 AATGCGCCGNNTTGGAAACCACAGNACAGTGAACGTTTCGTCTCTCCAGCGAGACTCTC
 CCGCGGGCCCGCGGCCGATCGGGAGCCCGCGGAAACATGGCGGCGCCCGAGGCCGG
 GGCCGCAGCCTCTCCGGCCTGCTCCCGCGCAGACCTCGCTAGAGTACGCCCTGCTCGAC
 GCCGTTACCCAGCAGGAGAAGGACAGCCTGGTCTACCAGTATCTGCAGAAGGTGGACGGC
 TGGGAGCAGGACTTGTCTAGTACCCGAGTTTCCGGAAGGATTAGAATGGCTGAACACAGAA
 GAACCTATTTCTGTCTACAAGGATCTATGTGGAAAAATAGTCGTCCTTGATTTCTTCACC
 TACTGCTGCATAAACTGTATTACCTATTGCCTGATCTCCATGCATTAGAACACACATAC
 TCTGATAAAGATGGTCTTCTTATTATTGGTGTTCACTCGGCTAAGTTTCCAAATGAAAAA
 GTCCTGGATAACATTAAGAGTGTCTTCTCGATAACAACATCACCCACCCTATGGTTAAT
 GATGCAGATGCCAGCCTTTGGCAAGAACTAGAAGTTTCTGCTGGCCAACTCTAGTCATA
 CTTGGACCTCGTGAAACATGTTGTTTTCTTTGATTGGAGAGGGACACAAAGATAAATTA
 TTTTATATACTTCAATTGCTTTAAAGTATTACAAAGACAGGGGGCAGATCAGAGATAA
 TAAATTTGGAATAAACTCTATAAAGATTCTTTGCCACCTTCACCATTGCTATNTNCTGG
 CAAAAGTACAGTAGACCAAGTACTGATAGATNGGTNATAGCAGACACTGGACATCATAG
 AATTNTTGGTCGTTTGAAGAATGGACANATNCATATAGCATGGNAGGACCCACCTGNN
 NAGAAGATGNATATNTCAGAATCACTTTAATCTCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_198514 unedited
 NGGGTATTCTATGAACCGCGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTAT
 TATTATCAGTATTTATTGCAAATTATCTTATAGTATTCTCTACTGTAGTGTGAACCTCAG
 TCTTGTGCCAAATAGCAGCATAGATTACAATATCATGGTACCAATGATGATCAATGACTC
 AGCTAGTATCAGCCAAAGCAAAGGAATTTGTTTATAATAAAAGAAGTAAGTAAGGAGCAT
 AGCTTTATTTTAAATATCAGTTGTCTGAAGTGAAGCAATGGGCATCTTGGTATCCAGAGGCA
 GAAGTGAAGTTTTCTTCTTAAATTACAGTGATGTCAGGATGGGAGACAGTAGGTGGT
 GGCAATGGGTGCTAGCTAGCTGGCTGGCTAAAATACATACCTGAGCTCTACTGGAGCTA
 TGCAACCTTGCTGTGATCCGTTATTTGTAAAGGCTGACTGAACAAAATTGCCTTCATCA
 TACAAGCACTGCTGTCTGCACTACAGTAATAAAGAAACACACTGACAGATACAATGGCTT
 CAAGTGATAAGCAATCATCAGGAATTTGTAGTGAAATTGTTGGTTGACTGGAAATGTTCT
 CTATATCTCCAGCTGCTATCTGTCTTGTAAATAGCCATTTCCTTTCAGCTGTTAGAA
 ACCAGCAACTGGATACTCCTTCAGTTAGCTTTGATCCTGATGGGAGGTCTAATCTGAGTT
 TGAAGTGGAAAGTCTGGCCAGCCAAGCAGTCCCGGGGGAAAACCTAATGCTTGGAGCAAA
 ATTAGGTAATTGGGGAAAGTCTCTGGTTTCTACTAGAAAGGGCCTTTTCCACAGCTTTT
 TAAATTTGAAAATGGGGGCACAAAACACTTTAATTTTTTAAACCTCACTTAATTGGGGG

Restriction Sites:

NotI-NotI

ACCN:

NM_198514

Insert Size:

2750 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_198514.2, NP_940916.2</u>
RefSeq Size:	2550 bp
RefSeq ORF:	2181 bp
Locus ID:	374354
UniProt ID:	<u>Q8NBF2</u>
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome
Gene Summary:	Required for normal embryonic development.[UniProtKB/Swiss-Prot Function]