

## Product datasheet for **RN215684**

### Nr1h2 (NM\_031626) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1h2 (NM_031626) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr1h2
Synonyms:	LXRB; LXR beta; LXRbeta; OR-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215684 representing NM\_031626  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTTCCCCACAAGTTCTCTGGACACTCCCTTGCTGGGAATGGTTCTCCCCAGCCAGTACCTCCT  
 CCACCTTACCCACTATTAAGGAGGAGGTACAGGAGACTGATCCACCTCCAGGCTCTGAAGGGTCCAGCTC  
 TGCTACATCGTGGAGCCAGAGGATGAACCTGAGCGCAAGCGGAAGAAGGGTCCGGCCCCGAAGATGCTG  
 GGCCATGAGCTGTGCCGCGTGTGCGGGGACAAGGCCTCGGGCTTCCACTACAATGTGCTCAGTTGTGAAG  
 GCTGCAAAGGCTTCTTCCGGCGTAGCGTGGTCCATGGTGGGGCCGGGCGCTATGCCTGTCGGGGCAGCGG  
 AACCTGCCAGATGGATGCCTTCATGCGGCGCAAGTGCCAGCTCTGCAGACTGCGCAAGTGAAGGAGGCT  
 GGCATGCGGGAGCAGTGCCTGCTTCTGAGGAGCAGATTCGGAAGAAAAAGATTAGAAGCAGCAACAGC  
 AGCAGCCACCGCCCCGACTGAGCCAGCATCCGGTAGCTCAGCCCGCCCTGCAGCCTCCCCTGGCACTTC  
 GGAAGCAAGTAGCCAGGGCTCCGGGAAGGAGAGGGCATCCAGCTGACAGCGGCTCAGGAGCTGATGATC  
 CAACAGTTAGTTGCCGTGACGCTGACGTAACAAGCGATCTTTCTCCGACCAGCCTAAAGTCACGCCCT  
 GGCCCTTGGGTGCAGACCCTCAGTCCCAGACGCTCGTCAGCAACGCTTTGCCCACTTCACTGAGCTAGC  
 CATCATCTCAGTCCAGGAGATCGTGACTTCGCCAAGCAGGTGCCAGGGTTCTGCAGCTGGGCCGGGAG  
 GACCAGATCGCCCTCCTGAAGGCATCCACCATCGAGATCATGTTGCTAGAGACAGCCAGACGCTACAACC  
 ACGAGACAGAGTGCATCACGTTCTGAAGGACTTACCTACAGCAAGGACGACTTCCACCGTGCAGGCTT  
 GCAGGTGGAGTTCATCAATCCCATCTTTGAGTTCTCTCGGGCTATGCGTCCGGTGGGCTAGACGATGCA  
 GAGTATGCCTTGCTCATTGCCATCAACATCTTCTCAGCGGACCGGCTAATGTGCAGGAGCCAGCCGTG  
 TGGAGGCTCTGCAGCAGCCCTATGTGGAGGCCCTCCTCTCCTACACGAGGATCAAGCGGGCCGACGACCA  
 GCTGCGCTTCCCACGAATGCTCATGAAGCTGGTGAAGCTGAGCCTGCGCACCCCTCAGCTCCGTGCACTCGGAGCAG  
 GTTTTCGATTGCGTCTCCAGGACAAGAAGCTGCCGCCTTTGCTGTCGAGATCTGGGATGTGCATGAGT  
 AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_031626

**Insert Size:** 1332 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_031626.1](#), [NP\\_113814.1](#)

**RefSeq Size:** 1959 bp

**RefSeq ORF:** 1332 bp

**Locus ID:** 58851

**UniProt ID:** [Q62755](#)

**Cytogenetics:** 1q22

**Gene Summary:** nuclear orphan receptor; may be involved in modulating 9-cis-retinoic acid signaling by interacting with retinoic acid receptor (RXR) [RGD, Feb 2006]