

Product datasheet for **RN206478**

Nr1h3 (NM_031627) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1h3 (NM_031627) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr1h3
Synonyms:	LXRalpha
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206478 representing NM_031627
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTTGTGGCTGGAGCCGAGTGCCTGATGTTTCTCCTGACTCTGCAACGGAGTTGTGGAAGACAG
 AACCTCAAGATGCAGGAGACCAGGGAGGCAACACTTGCATCCTTAGGGAGGAAGCCAGGATGCCCAATC
 AACTGGGGGTGCTTTAAGGATAGGGTTGGAGTCATCCGAGCCTACAGCCCTGCTCCCCAGGGCAGAGACC
 CTCCAGAGCCTACAGAACTTCGTCCACAGAAGCGGAAAAAGGGGCCAGCCCCAAAATGCTGGGGAACG
 AGCTATGCAGTGTATGTGGGGACAAGGCCTCTGGCTTCCATTACAATGTGCTGAGCTGCGAGGGTGCAA
 GGGATTCTCCGCCGAGTGTCAAGGGAGCACGCTACATTTGCCATAGCGGTGGCCACTGCCCATG
 GACACCTACATGCGGCGGAAATGCCAGGAGTGTGCCTTCGAAATGCCGCCAGGCAGGCATGAGGGAGG
 AGTGTGCTTATCAGAAGAACAGATCCGCTTGAAGAACTGAAGCGTCAAGAAGAGGAGCAGGCTCAAGC
 CACATCGGTGTCCTCAAGGGTTTCTCACCGCCCAGGTCTGCCACAGCTCAGCCAGAACAACTGGGC
 ATGATTGAGAAGTTGGTGGCTGCCAGCAACAGTGAACAGGCGCTCCTTCTCTGACCGACTTCGAGTCA
 CGCCTTGCCCATTCACCCGACCTCAGAGCCGGAAGCCGCCAACAGCGCTTTGCCACTTTACTGA
 GCTGGCCATCGTGTCCGTGCAGGAGATTGTTGACTTTGCCAAACAGCTCCCTGGCTTCTACAGCTGAGC
 AGGGAGGACCAGATCGCCTTGTGAAGACCTCTGCGATCGAGGTGATGCTTCTGGAGACATCGCGGAGGT
 ACAACCTGGGAGTGAGAGCATCACCTTCTCAAGGATTCAGTTACAACCGGGAAGACTTTGCCAAAGC
 AGGGCTGCAGGTGGAGTTCATTAACCCCATCTTGAAGTCTCCAGATCCATGAATGAAGTCAACTCAAT
 GATGCTGAATTTGCTCTGCTCATAGCCATCAGCATCTTCTCTGCAGACCGGCCAACGTGCAGGACCAGC
 TCCAAGTAGAGAGACTGCAACACACATATGTGGAGGCCCTGCATGCCTATGTCTCCATCAACACCCCA
 CGACCGACTGATTTCCACGGATGCTAATGAAGCTGGTGGAGCCTCCGGACTTTGAGCAGCGTCCATTCA
 GAGCAAGTGTTCACCTTCGCTGCAGGACAAAAAATTCCTCCCTCTGCTCTCCGAGATCTGGGATGTCC
 ACGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031627

Insert Size: 1338 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 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_031627.2](#), [NP_113815.2](#)

RefSeq Size: 1631 bp

RefSeq ORF: 1338 bp

Locus ID: 58852

Cytogenetics: 3q24

Gene Summary: orphan receptor; involved in the stimulation of CYP7A1 transcription [RGD, Feb 2006]