

## Product datasheet for **SC201479**

### LXR alpha (NR1H3) (NM\_005693) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** LXR alpha (NR1H3) (NM\_005693) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NR1H3  
**Synonyms:** LXR-a; LXRA; RLD-1  
**ACCN:** NM\_005693  
**Insert Size:** 367 bp  
**Insert Sequence:** >SC201479 3'UTR clone of NM\_005693

The sequence shown below is from the reference sequence of NM\_005693. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTCTGAGATCTGGGATGTGCACGAATGACTGTTCTGTCCCATATTTTCTGTTTTCTTGCCGGATG
GCTGAGGCCTGGTGGCTGCCTCCTAGAAGTGGAACAGACTGAGAAGGGCAAACATTCCTGGGAGCTGGG
CAAGGAGATCCTCCCGTGGCATTAAAAGAGAGTCAAAGGGTTGCGAGTTTTGTGGCTACTGAGCAGTGG
AGCCCTCGCTAACACTGTGCTGTGTCTGAAGATCATGCTGACCCACAAACGGATGGGCCTGGGGGCCA
CTTTGCACAGGGTTCTCCAGAGCCCTGCCATCCTGCCTCCACCCTTCTGTTTTTCCACAGGGCCC
CAAGAAAAATTCTCCACTGTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005693.4](#)



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**Summary:**

The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Locus ID:**

10062

**MW:**

13.5