

## Product datasheet for **SC217287**

### LSS (NM\_001145437) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	LSS (NM_001145437) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LSS
Synonyms:	APMR4; CTRCT44; HYPT14; OSC
ACCN:	NM_001145437
Insert Size:	2000 bp



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**Insert Sequence:**

>SC217287 3'UTR clone of NM\_001145437

The sequence shown below is from the reference sequence of NM\_001145437. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGAGAGAGCCCTTGCTGGCCACCCCAGAGAACATGCCTACCTGCTGGGTGCCGTCTGTGCGTTCCAG
TGAGGCCAAGGGGTCTGCGCCGGTTGGGGAGCCCTCCCATAACCCTGTCTTGGGCTCCAACCCCTCAA
CCTCTATCTCATAGATGTGAATCTGGGGCCAGGCTGGAGGCAGGGATGGGGACAGGGTGGGTGGCTTA
GACTCTTGATTTTTACTGTAGGTTCAATTTCTGAAAGTAGCTTGTGCGGCTTGGGTGAGGAAGGGGCAC
AGGAGCCGTGACCCCTGAGGAGGCACAGCGCTTCTGCCACCTCTGGGCACGGCTCAAGGTAGTGAGG
CTAGGAGGTTTTTCTGACCAATAGCTGAGTTCTTGGGAGAGGAGCAGCTGTGCCTGTGTGATTCCTTA
GTGTCGAGTGGGCTCTGGGCTGGGGTCGGCCCTGGGCAGGCTTCTCTGCACCTTTTGTCTGCTGGGCT
GAGGGACACGAGGGCAACCCTGTGACAATGGCAGGTAGTGTGCATCCGTGAATAGCCAGTGCAGGGGT
TGCTCATGGAGCATCCTGAGGCCGTGCAGCAGGGAGCCCATGCCCTGGGTCGTGAGCTTGCCCTGCGT
ATGGGGTGGTGTGATGGAGCCTCATGCCCTGGGTCGTGAGCTCGCCTGAGTATGGGGTGGTGTGATGG
AGCCGCATACCCCTGGGTTGTGAGCTCGCCTGCATATGCAGGGTCTGTGATGGAACATCCCAAGTCTGT
GCAGCAGGGAGCCCATGCCCTGGGACATGAACCCACCTGCGTGGAAATGCTGTTTGTGAGGTGTCTAC
AGGGTTTATAGTAGTCTTGTGGACACAGAAATGCACAGGGGACACTTACGGACACAGAAATGCACAGGG
GAGGCCGAGCATAACCAGGGGTGAGGGGAGGCAGCAGTGTAGTACTGCCCGGGGCACTGCTATGT
GCAGGGACAGCCAGCACCAGCCCATCACACTCCCTGGGCTGGCTGGCAGGTATGGCACCTGGGAGC
CCGGCATATACCAGGGCACCCCTACGGCTGCCAGTCTCATGCCAGGTGGGTGCTCTGGGCTGGA
GCGAGGGCCAGGTTTTGGGCCGAGGCTTCCCCAGGCAATCCTGTGAGCTCCCTTCTAGCCTCTGACCCA
GTCTGGTCTGGCTGTCATGGATGTAGGGCTTGGGGTGGGAAGTTCAGGTCTGGCTTTGCCCTTGGCTG
ATGTGGATGAGCAGCTCACATGCTCAGGGCCACCTGAGACTGTCACTGCTCTCCCCTGGCTACTGGGAG
GAGTCACTGAGAGCTTCTTACCCTGTGCTTGGCCAGGGCACACCCTATACCTCCTTATCTGCTCT
TCCCCTCCCTGCCGCTTCTGGGAGGTAGCAGTCCCTGGCCTCTCCCCTGGCTGATCACTCTCCCTC
AGGCAGTGGAGATCTGCGTCTGGACACCCTCAGATCCTGTGCTTGGCTGCCAGAGTCTTCAGGGGCA
CCCCTCTGCTTGGTGTGAGTCCAGGGCTCTCACCCAGGTGCCGCACCCTCTGGGGTCTTCTGTCCAG
CTCCCTTGCCCCATGTGCTGTCACTGACTCTCCTTGGGACTCGCCTGCCTGCTCAGAGCCCTGCAGGGC
TTGGTCAGCTGCCTGTTCAAGTGTCAACACTTCCCTGCACATCTTAAACTGGGCTTTATTTTCGCTGAA
GGAAGTGTGTTGGGACCCTTGACATCTGTGAGGTTTGACATGCTGTTTTTTTTTCTCAGCCACGTGT
TCTCCCCACGTGGGGTAGCAGCAGGACAGACAGTGAATCACAGAGTCTGCCCTGAGCAGAGGCTGCTG
TCCCTGGGACTCTAGCCATGGTCAGACTGTACAAAACGGTTTTCCAGAAATGAAATGAAATCCATTT
TTATACTGAAAATGTTACTGAAAGTCACTTTTATGAGCATCTGCCTTAATAAACAGACATTGATTCCT
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**Restriction Sites:**

Sgfl-Mlul

**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\_001145437.2

**Summary:** The protein encoded by this gene catalyzes the conversion of (S)-2,3 oxidosqualene to lanosterol. The encoded protein is a member of the terpene cyclase/mutase family and catalyzes the first step in the biosynthesis of cholesterol, steroid hormones, and vitamin D. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2009]

**Locus ID:** 4047

**MW:** 70.8