

Product datasheet for **SC217288**

LSS (NM_002340) Human 3' UTR Clone

Product data:

| | |
|---------------|------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | LSS (NM_002340) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | LSS |
| Synonyms: | APMR4; CTRCT44; HYPT14; OSC |
| ACCN: | NM_002340 |
| Insert Size: | 2000 bp |



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Insert Sequence:

>SC217288 3'UTR clone of NM_002340

The sequence shown below is from the reference sequence of NM_002340. 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
GTGTCGAGTGGGCTCTGGGCTGGGTCGGCCCTGGGCAGGCTTCTCTGCACCTTTTGTCTGCTGGGCT
GAGGGACACGAGGGCAACCCTGTGACAATGGCAGGTAGTGTGCATCCGTGAATAGCCAGTGCAGGGGT
TGCTCATGGAGCATCCTGAGGCCGTGCAGCAGGGAGCCCATGCCCTGGGTCGTGAGCTTGCCCTGCGT
ATGGGGTGGTGTGATGGAGCCTCATGCCCTGGGTCGTGAGCTCGCCTGAGTATGGGGTGGTGTGATGG
AGCCGCATACCCCTGGGTTGTGAGCTCGCCTGCATATGCAGGGTCTGTGATGGAACATCCCAAGTCTGT
GCAGCAGGGAGCCCATGCCCTGGGACATGAACCCACCTGCGTGGAAATGCTGTTTGTGAGGTGTCTAC
AGGGTTTATAGTAGTCTTGTGGACACAGAAATGCACAGGGGACACTTACGGACACAGAAATGCACAGGG
GAGGCCGAGCATAACCAGGGGTGAGGGGCAGGCAGCAGTTGTAGTTACTGCCCGGGGCACTGCTATGT
GCAGGGACAGCCAGCACCAGCCCATCACACTCCCTGGGCTGGCTGGCAGGTATGGCACCTGGGAGC
CCGGCATATACCAGGGCACCCCTACGGCTGCCAGTCTCATGCCAGGTGGGTGCTCTGGGCTGGA
GCGAGGGCCAGGTTTTGGGCCGAGGCTTCCCCAGGCAATCCTGTGAGCTCCCTTCTAGCCTCTGACCCA
GTCTGGTCTGGTGTGATGGATGTAGGGCTTGGGGTGGGAAGTTCAGGTCTGGCTTTGCCCTTGGCTG
ATGTGGATGAGCAGCTCACATGCTCAGGGCCACCTGAGACTGTCACTGCTCTCCCCTGGCTACTGGGAG
GAGTCACTGAGAGCTTCTTACCCTGTGCTTGGCCAGGGCACACCCTATACCTCCTTATCTGCTCT
TCCCCTCCCTGCCGCTTCTGGGAGGTAGCAGTCCCTGGCCTCTCCCCTGGCTGATCACTCTCCCTC
AGGCAGTGGAGATCTGCGTCTGGACACCCTCAGATCCTGTCAATTGCTGCCAGAGTCTTCAGGGGCA
CCCCTCTGCTTGGTGTGAGTCCAGGGCTCTCACCCAGGTGCCGCACCCTCTGGGGTCTTCTGTCCAG
CTCCCTTGCCCCATGTGCTGTCACTGACTCTCCTTGGGACTCGCCTGCCTGCTCAGAGCCCTGCAGGGC
TTGGTCAGCTGCCTGTTCAAGTGTCAACACTTCCCTGCACATCTTAAACTGGGCTTTATTTTCGCTGAA
GGAAGTGTGGTGGGACCCTTGACATCTGTGAGGTTTGACATGCTGTTTTTTTTTCTCAGCCACGTGT
TCTCCCCACGTGGGTTAGCAGCAGGACAGACAGTGAATCACAGAGTCTGCCCTGAGCAGAGGCTGCTG
TCCCTGGGACTCCTAGCCATGGTCAGACTGTACAAAACGGTTTTCCAGAAATGAAATGAAATCCATTT
TTATACTGAAAATGTTACTGAAAGTCACTTTTATGAGCATCTGCCTTAATAAACAGACATTGATTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_002340.6](#)

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