

Product datasheet for **SC217289**

LSS (NM_001145436) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LSS (NM_001145436) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LSS
Synonyms:	APMR4; CTRCT44; HYPT14; OSC
ACCN:	NM_001145436
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC217289 3'UTR clone of NM_001145436
 The sequence shown below is from the reference sequence of NM_001145436. 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
CCTGAGAGAGCCCTTGCTGGCCACCCCTGAGAACATGCCTACCTGCTGGGTGCCGTCTGTGCGTTCCAG
TGAGGCCAAGGGGTCTGCGCCGGTTGGGGAGCCCTCCCATAACCCTGTCTTGGGCTCCAACCCCTCAA
CCTCTATCTCATAGATGTGAATCTGGGGCCAGGCTGGAGGCAGGGATGGGGACAGGGTGGGTGGCTTA
GACTCTTGATTTTTACTGTAGGTTCAATTTCTGAAAGTAGCTTGTGCGGCTTGGGTGAGGAAGGGGCAC
AGGAGCCGTGACCCCTGAGGAGGCACAGCGCTTCTGCCACCTCTGGGCACGGCTCAAGGTAGTGAGG
CTAGGAGGTTTTTCTGACCAATAGCTGAGTTCTTGGGAGAGGAGCAGCTGTGCCTGTGTGATTCCTTA
GTGTCGAGTGGGCTCTGGGCTGGGGTCGGCCCTGGGCAGGCTTCTCTGCACCTTTTGTCTGCTGGGCT
GAGGGACACGAGGGCAACCCTGTGACAATGGCAGGTAGTGTGCATCCGTGAATAGCCAGTGCGGGGGT
TGCTCATGGAGCATCCTGAGGCCGTGCAGCAGGGAGCCCATGCCCTGGGTCGTGAGCTTGCCCTGCGT
ATGGGGTGGTGTGATGGAGCCTCATGCCCTGGGTCGTGAGCTCGCCTGAGTATGGGGTGGTGTGATGG
AGCCGCATACCCCTGGGTTGTGAGCTCGCCTGCATATGCAGGGTCTGTGATGGAACATCCCAAGTCTGT
GCAGCAGGGAGCCCATGCCCTGGGACATGAACCCACCTGCGTGGAAATGCTGTTTGTGAGGTGTCTAC
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GCAGGGACAGCCAGCACCAGCCCATCACACTCCCTGGGCTGGCTGGCAGGTATGGCACCTGGGAGC
CCGGCATATACCAGGGCACCCCTACGGCTGCCCGCAGTCTCATGCCAGGTGGGTGCTCTGGGCTGGA
CGGAGGGCCAGGTTTTGGGCCGAGGCTTCCCCAGGCAATCCTGTGAGCTCCCTTCTAGCCTCTGACCCA
GTCTGGTCTGGCTTGCATGGATGTAGGGCTTGGGGTGGGAAGTTCAGGTCTGGCTTTGCCCTTGGCTG
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GAGTCACTGAGAGCTTCTTACCCTGTGCTTGGCCAGGGCACACCCTATACCTCCTTATCTGCTCT
TCCCCTCCCTGCCGCTTCTGGGCAGGTAGCAGTCCCTGGCCTCTCCCCTGGCTGATCACTCTCCCTC
AGGCAGTGGAGATCTGCGTCTGGACACCCTCAGATCCTGTCAATTGCTGCCAGAGTCTTCAGGGGCA
CCCCTCTGCTTGGTGTGAGTCCAGGGCTCTCACCCAGGTGCCGCACCCTCTGGGGTCTTCTGTCCAG
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GGAAGTGTGTTGGGACCCTTGACATCTGTGAGGTTTGACATGCTGTTTTTTTTTCTCAGCCACGTTG
TCTCCCCACGTGGGGTAGCAGCAGGACAGACAGTGAATCACAGAGTCTGCCCTGAGCAGAGGCTGCTG
TCCCTGGGACTCTAGCCATGGTCAGACTGTACAAAACGGTTTTCCAGAAATGAAATGAAATCCATTT
TTATACTGAAAATGTTACTGAAAGTCACTTTTATGAGCATCTGCCTTAATAAACAGACATTGATTCCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCGCTTCTATGAAAGG
  
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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_001145436.2](#)

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