

Product datasheet for **RN203867**

Lss (NM_031049) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lss (NM_031049) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lss
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203867 representing NM_031049
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGAGGGCACGTGTCTGCGCGCTCGTGGGGACCCTATAAACTGAGCCCGCCACCGATCTCACCC
 GCTGGCGGCTCCATAATGAGTTGGTTCGGCAGAGATGGACTTATTATCAAGCGGAGGAGACCCTGGTCCG
 AGAACAGACGGGGCTAGAGGCCACTCTTTGGGACTGGACACAACAAGTTATTTCAAGAACTTACCTAAA
 GCTCAAACAGCCCATGAGGGGGCCCTGAACGGAGTAACCTTTTATGCCAAGCTGCAGGCTGAGGATGGAC
 ACTGGGCTGGTGATTATGGTGGTCCACTTTCCTCTTGGCAGGTCTCCTGATTACGTGTCACATAGCACA
 CATCCCCCTGCCGGCTGGATACAGAGAGAAATGGTACGGTACTTGCCTCAGTGCAGCTTCCCAATGGC
 GGCTGGGCTTGACATTGAGGACAAGTCCACGGTGTGGGACTGCCCTGAGCTATGTGTCTCTCAGAA
 TCCTGGGTATTGGACCTGATGATCCTGACCTTGTGCGTGTCCGAACATTCTTCAAAAAAGGTGGTGC
 AGTGGCCATCCCTTCTGGGGAAAGTTCGGCTGGCTGTCTGAATGTTTACAGCTGGGAAGGAATCAAT
 ACCCTCTCCCTGAGATGTGGCTGCTTCTGAATGGTTTCTGCACATCCCTCCACTCTGTGGTGTCACT
 GCCGCGAGGTCTATCTGCCCATGAGCTACTGCTACGCCACTCGGTAAGTGCCTCAGAGGACCCACTGGT
 TCAGAGCCTCCGCCAGGAAGTCTATGTGGAGGATTATGCCAGCATCGATTGGCCAGCACAGAAGAACAAC
 GTGTGCCCCGATGACATGTACACGCCACACAGCTGGTGTGCACGTGGTATATGGACTCCTCAACTGT
 ATGAACGTTTCCACAGTACCAGCCTGCGGAAGTGGGCCATCCAGTTGCTGTATGAACATGTCGCAGCTGA
 TGATCGGTTACAGAAATGCATCAGCATTGGCCGATCTCAAAACTGTCAACATGCTTATTCGTTGGTCA
 TGGACGGACCATCCCTCCCTGCCTCCAGGAGCACGCTCGAGGATCAAAGATTATCTTTGGCTGGGCC
 TTGACGGCATGAAAATGCAGGGACCAATGGATCACAGACCTGGACACTTCATTTGCTTCCAAGCCCT
 GCTGGAGGCAGGTGCACACCGAAGACTGAGTTTTTGGCCCTGCCTGCAGAAGGCTCACGAGTTCCTGCGG
 CTTTCCAGGTCCAGACAACAATCCTGACTACCAGAAGTATTATCGCCATATGCACAAGGTGGTTTCC
 CCTCAGCACACTGGACTGTGGCTGGATCGTTGCTGACTGCACGGCCGAGGCTTTGAAGGCTGTGTGCT
 CCTGCAGGAGCGGTGCCCTCAATCACCAGCATGTCCCCGAGAGCGACTCTACGATGTGTGGCTGTG
 TTGTTGAGCATGAGGAATCCGATGGAGGGTTGCTACCTATGAGACTAAGCGTGGCGGGTATTTGCTGG
 AGCTGCTGAACCCCTCAGAGGTCTTTGGAGACATCATGATTGACTACACGTATGTAGAGTGTACCTCCG
 AGTGATGCAGGCCCTGAGGCACTCCGCGAGTACTTCCAGACCACAGGGCTACAGAGATCAGGGAGACC
 CTAATCAAGGCCTGGACTTCTGCCAAAGAAGCAGAGAGCGGATGGCTCGTGGGAGGGCTCCTGGGGG
 TTTGCTTACCTATGGCACCTGGTTGGCTTGGAAAGCATTGCTTGCATGGGACATATCTACAAAATAG
 GACTGCTTGTGCAGAAGTAGCTCAGGCCTGCCACTTCTCCTGTGCGGGCAGATGGCGGATGGGGCTGG
 GGGGAGGACTTTGAGTCTGTGAGCAGCGCGGTACGTGCAGAGTCCCGGTCCCAGGTCCATAGTACGT
 GCTGGGCCTGTGGTTTGTGGCTGTGAGGCATCCCGACATCTGCTCAGGAGAGAGGAATCAGATG
 TCTGCTAGGGAACAGCTCCCCAACGGAGACTGGCCTCAGGAGAACATCTCTGGGGTCTTCAACAAGTCC
 TGTGCCATCAGCTACACAAATTACAGAAACATCTTCCCATCTGGGCCCTGGGCCGCTTCTCAGCCTGT
 ATCCTGACAATACCCTTGTGGCCACATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_031049

Insert Size: 2202 bp

OTI Disclaimer: 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:	<ol style="list-style-type: none">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:	<u>NM_031049.1</u> , <u>NP_112311.1</u>
RefSeq Size:	2851 bp
RefSeq ORF:	2202 bp
Locus ID:	81681
UniProt ID:	<u>P48450</u>
Cytogenetics:	20p12
Gene Summary:	enzyme that catalyzes the cyclization of (S)-2,3 oxidosqualene to lanosterol [RGD, Feb 2006]