

Product datasheet for **MC205515**

Lsm1 (NM_026032) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lsm1 (NM_026032) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lsm1
Synonyms: 2810025O06Rik; CASM
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021460
CCACGCGTCCGCGGAACGGTCATGGACGGTACGGGTCAATCCGGGCCCTCGGGTCGGGAAAGCGAGGCGAG
GGGCAGCGCTCGTCACGCGTGAGGAAACGCCTATCCTCCGCCCTCCGACCTGGACTTCACTGCACTGAC
TGGAGGGGAAGAGAACGTGGTCCGCCACCGACTGGCAACACGCCCGCACGCCTCTTTCGGCGGACGGGC
AGGCGATACCGGAAGTGGTGGGGTACCTGAAACGCTTCCGGCGACTAGCGGTGTCTGAGCTGCAGGTG
AGCGGCCGGTTCCCGTCCGCGTCCCGCCGACGGGCGACTGGACGCCCTCGCGGCCGTCCGGTGCAGCCTT
GCGAGAGCTCAAACATGAACTATATGCCCGGCACCGCCAGCCTCATCGAGGACATCGACAAAAAGCACTT
GGTCTACTTCGAGATGGAAGAACAATTATAGGTTTTTTAAGAAGCATTGATCAATTTGCTAACTTAGTG
CTCCATCAGACTGTGGAGCGAATTCATGTGGGCAAAAAGTACGGTGATATTCCTCGAGGGATTTTCGTGG
TCAGAGGAGAGAATGTGGTCTACTAGGAGAAAATAGACCTGGAGAAGGAGAGTGACACGCCCTTCAGCA
AGTGTCTATTGAAGAGATCCTAGAGGAACAGAGGGTGCAACAGCAGACCAGACTGGAGGCAGAGAAGCTG
AAGGTCCAGACCCCTAAAGATCGGGGCCTTCCATTCTCGCGCAGACACTCTGGACGAGTACTGAGTCC
TTGCTCAGAGACTGCTCTAGAGAGCAGGTGCTGTACCTGGTCACTCACACATTGACCAGAGTATCACG
CTGAAAAGTGATCTCATTCTTTCATGGATGCCAACATGAAGAAATCATGGGATTTTGGTTTTTTAAACA
AAATCATTGTATATTAGTTTTGCTTTTCTTCTCAGTCTCAGCACATAGTCTGGCTGACCTAGAGCTCA
CTGTGTAACCAGGGTGACCTTTAGCTTGTGGGACTGCAGGTGGCCTCCACCTCCACCAGCCCAGCTTTA
CTGTCTAAAGAACAGTGGCGTGACCTCCCTCACACAAGTCACTGTGGAGCCAAGAACTATGTCTTTATA
TTGCTTATCTCAGAGTTTACATTTCTTTTTTAAAAATATTTTCATTTACTTGTAATAAAAAATGATTCTC
AGAACTGTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026032
Insert Size: 402 bp



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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:	BC021460 , AAH21460
RefSeq Size:	1214 bp
RefSeq ORF:	402 bp
Locus ID:	67207
UniProt ID:	Q8VC85
Cytogenetics:	8 A2
Gene Summary:	Plays a role in the degradation of histone mRNAs, the only eukaryotic mRNAs that are not polyadenylated (By similarity). Probably also part of an LSm subunits-containing complex involved in the general process of mRNA degradation (By similarity).[UniProtKB/Swiss-Prot Function]