

Product datasheet for MC211312

Lsm11 (NM_028185) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lsm11 (NM_028185) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lsm11
Synonyms: 2210404M20Rik; AV079530
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211312 representing NM_028185
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGCGAGTGGGGGCGAGGTCGGCTCGCGCCGGCAGCCAGCCAGCCCGCCAGCCCGCGGC
 TGGACGTCAGCTCCTACAGCTTCGACCCGCTGCTGGCCTTGTACGCACCTCGCTGCCGCCATTCCCTA
 CCCCACGCGCCCTGCTCAACAACGTGGCGGAGTACGAGAGCTTCTGAAGGGCGGGCGCACCGGGCGC
 GGTCGGGCTCGGGCACGGGGAGCCGGCTCGGCGGGAACCTCCACCGAACCTCCACGGGAGCCGGGA
 GCTCGTCCAGGGCCGTCGCCGCGCCGCCACCCGGATCCCGAGCGCATCCAGCGCTGCGCCGGCT
 CATGGTGGTCAAGGAGGACACGGACGGCAGCGCCGGAGCGGACGCCAGGGCCCGGGGCGCAGCAAGAAG
 GCACCCGCAATGTGCTTACGCGGATGCCTTTGCATGAAGGTAGCCCTCTGGGTGAAGTGCACCGCTGCA
 TCCGAGAGGGAGTCAAGGTGAACGTTACATCCGCACCTTCAAGGGACTCCGCGGTGCTGCACTGGCTT
 CCTCGTCGCTTCGACAAGTTCTGGAATATGGCCCTCACTGACGTGGATGAGACCTACCGTAAACCTGTC
 TTAGGAAAAGCATACGAACGGGATTCTTCGCTGACTCTCACTAGGCTATTTGATCGGCTGAAACTTCAAG
 ATCTACTTGAAGGTGGCTTCGGTATGGGACGAGGGGACACTGACCGGAGCTCACACAGGCGCTCCCGC
 TCCGTCCCTTCTCCCTGCAGGCATCTGCAAGGGAGGAGTCCAGGCTGAGCTGTCAGGGAGGACTACAC
 GGACAGAAGGGTCCAGTGTGGGAGGTACCTTCTCCAGGGCCACCCTTTCACGGGGCCAGTCCCGTAA
 GAAAAAGCGAAAGCCCAAGGTGGATTACCAGCAGGATTTCACTCGGCACATAAATCAGATTTTCATTGCA
 GGCGAGAATGTCCTGCTGGTCCATCTGGCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_028185
Insert Size:	1086 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_028185.2</u> , <u>NP_082461.1</u>
RefSeq Size:	6453 bp
RefSeq ORF:	1086 bp
Locus ID:	72290
UniProt ID:	<u>Q8BUV6</u>
Cytogenetics:	11 B1.1
Gene Summary:	Component of the U7 snRNP complex that is involved in the histone 3'-end pre-mRNA processing. Increases U7 snRNA levels but not histone 3'-end pre-mRNA processing activity, when overexpressed. Required for cell cycle progression from G1 to S phases. Binds specifically to the Sm-binding site of U7 snRNA.[UniProtKB/Swiss-Prot Function]