

## Product datasheet for MC213133

### Lsm14b (NM\_177727) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lsm14b (NM\_177727) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lsm14b  
**Synonyms:** 9430078B04; BC040823  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC213133 representing NM\_177727  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCGGCTCGTCCGGCACCCCGTATCTGGGCAGCAAGATCAGCCTCATCTCCAAGGCGCAGATCCGCT  
 ATGAGGGCATCCTCTACACCATCGACACCGACAACCTCCACCGTGGCGCTCGCCAAAGTGAGTCCCTTGG  
 TACTGAAGACCGTCCCACAGACAGCGCTGCTCCCCAAGAGAGGAAATTTATGAGTACATCATTTCCGG  
 GGAAGTGATATCAAGGATATTACTGTGTGCGAACCTCCAAAAGCTCAACATACACTCCCTCAGGATCCTG  
 CTATTGTTCAAGTCCCTCCCTGGGCTCTGCCTCCGCTCGCCCTCCAGCCGCATGTGCCTTACAGCCCTT  
 CAGAGGGATGCCACCGTATGGCCAGCTGGCAGCCAGTTCCTGCTCAGCCAGCAGTATGCCGCTTCTTAA  
 GGTCTAGGAGCTGGGTCCCATCTACCCAGTCGGAAGAGCCCATGGTGGAGCAGGCTGTCCAGACTA  
 GTTCTGTTGATAACTTGAATGCTAAGAACTGTTGCCAGCAAGGTCACCTCGGCGACACAGCTCAATGG  
 TCGCCAGGCTCAGCCAAGCAGCAAGCCTGCCAGCGATGTAGTCCAGCCGGCACCTGTGCACACTCAAGGG  
 CAGGTGAATGATGAGAACAGAAGACCTCCACGGAGGCGGTGAGGCAATCGGAGAACAAAGAAATCTTCCA  
 GAGGACAAAACCGTCCAACCTAACGTTAAGGAAAACACAATCAAGTTTGAAGGTGACTTTGATTTTGAGAG  
 TGCAAATGCCAGTTCAACCGAGAGGAGCTTGATAAAGAGTTTAAAGAAGAACTGAATTTTAAAGATGAC  
 AAAGCCGACAAGGGGAAGAGAAGGACCCAGCTGTGATGGCGCAGAGTGAAGAGACTGCTGCTGAGGAGG  
 ATCTTCTGGGCTAACTGTTACTATGACAAGTCCAAGTCTTCTTTGACAACATCTCTTCTGAACTCAA  
 AACAGTCTAGGCGGACAACATGGGCTGAAGAGAGAAAGCTGAACACTGAGACTTTTGGAGTGTACGGG  
 AGGTTCTTCGTGGCCGAGTTCACGTGGTGGATTCCGGGGAGGCAGAGGAAATGGGACAACACGGCGCA  
 ACCCACTTCCACCGAGCTGGGACTGGCCGGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_177727
<b>Insert Size:</b>	1158 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_177727.4</a></u> , <u><a href="#">NP_808395.2</a></u>
<b>RefSeq Size:</b>	2560 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	241846
<b>UniProt ID:</b>	<u><a href="#">Q8CGC4</a></u>
<b>Cytogenetics:</b>	2 H4
<b>Gene Summary:</b>	May play a role in control of mRNA translation.[UniProtKB/Swiss-Prot Function]