

## Product datasheet for **SC100021**

### FAM61B (LSM14B) (NM\_144703) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM61B (LSM14B) (NM_144703) Human Untagged Clone
Tag:	Tag Free
Symbol:	LSM14B
Synonyms:	bA11M20.3; C20orf40; FAM61B; FT005; LSM13; RAP55B
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_144703, the custom clone sequence may differ by one or more nucleotides

```
ATGAGCGGCTCCTCAGGCACCCCGTATCTGGGCAGCAAGATCAGCCTCATCTCCAAGGCGCAGATCCGCT
ACGAGGGCATTCTACACCATCGACACCCGACAACCTCCACCGTGGCGCTCGCCAAAGTGAGGTCCTTTGG
CACTGAAGACCGTCCCACAGATAGGCCTGCGCCCCCAGAGAGGAGATTTATGAGTACATCATTTTCCGA
GGAAGTGACATCAAGGATATCACTGTGTGTGAACCTCCGAAAGCTCAGCACACACTCCCGCAGGATCCCG
CCATTGTTCACTTCCCTGGGTTCTGCCTCGCCTCGCCCTTCCAGCCGCACGTGCCTTACAGCCCTTT
CCGAGGGATGGCGCCCTACGGCCCGCTGGCGGCCAGCTCCCTGCTCAGCCAGCAGTATGCCGCTCCCTG
GGTCTAGGAGCTGGTTTTCCATCCATCCAGTCGCAAGAGCCCCATGGTGGAGCAGGCTGTGCAGACTG
GTTCTGCTGACAACCTGAATGCTAAAAAGCTGTTACCTGGCAAGGGCACCACAGGGACGCAGCTCAACGG
TCGTGAGGCCAGCCGAGCAGCAAGACGGCCAGCGATGTAGTCCAGCCGGCAGCTGTGCAAGCTCAAGGG
CAGGTGAATGACGAGAACAAGACCTCAGAGGAGGCGATCAGGAAACAGGCGAACAAGGAATCGCTCCA
GAGGGCAAACCGTCCAACCTAACGTTAAGGAAAACACAATCAAATTTGAGGGTGACTTTGATTTTCGAGAG
TGCAAATGCCAGTTCAACCGAGAGGAGCTTGACAAAGAATTTAAGAAGAACTGAATTTAAAGATGAC
AAGGCTGAGAAGGGGAAGAGAAGGACCTGGCTGTGGTGACCCAGAGTCCCGAAGCGCCCGCTGAGGAAG
ACCTTCTGGGGCCAACTGCTACTATGACAAATCCAAGTCGTTCTTCGACAACATCTTCTGAACTCAA
GACCAGCTCCAGGCGGACGACGTGGGCCGAAGAGAGGAAGCTCAACACAGAGACCTTTGGGGTGTGAGGG
AGGTTTCTTCGTGGCCGAGTTCTCGGGCGGATTCCGAGGAGGCAGGGCAATGGGACCACCCGTCGCA
ACCCACTTCCCACAGGGCCGGGACTGGCAGGGTGTGA
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_144703 unedited NGGTTTACAATTGTATACGACTCATATAGGCGGCCGCAAATCGGCACGAGGCTTTCAA AAACAAAAACAAAAACAAAAACAAAAAGGAATTACATGGACAGGTGAACTGGAAGTGA AATGCTGTGAAAAGGCAGCTCTCACCATACTGGAACTTGACCCCAAGGCTCCTCCAG CATCTCAAGGGTGCAGGCTGATGGGACGGTGCTTGTTCACAGCTGAACAAGCGCCCTGA TGAAGGCGTGCGGGGTGATGGGATGGCCTTCGCCGTTCTACCCGATGTCTCGTTGTCA GTCTTCCCTGGGTTCTGCCTCCGCCTCGCCCTTCCAGCCGCACGTGCCTTACAGCCCTT CCGAGGGATGGCGCCCTACGGCCCGCTGGCGGCCAGCTCCCTGCTCAGCCAGCAGTATGC CGCTCCCTGGGTCTAGGTGAGTGACCTGTTTCTGTCTGGTAAACTACCCTTGCGTGTAA CTGTCACTGAGTGGAGCGATGGAGCCTGAGGGTGGGGATATGCATTCTGTCTGCTCAG CTTGTAGACTGTTTTGTTGCACACTTAGTAAATTACCCAGTGCAACTTCCGCTTGTGAGA GCATTTAGTAATACTCAACTGAAAGTAAAAGAGGCAGCAGCCTGAGTGTGGAACAGAA GAATCAAATCAAATTCATTGAAAGAGTCAGGGCGGATCTAAGTGAAGTCTGNGCCGG GCATAGTGGCTCACTCCTGTAATCCACACTTNTGGGAGGCCAAGCGGGGTGGATCACA ANGTCAAGAAGTCGAGACCAGCCTGNCCAACATGGNGAAATCCTGTCTCTGCTAGAAATA CAAAATAGCTGGNTGTGGTGGGACACACCTGNTACCCAGTACTTGNNGGGTGANGCAT GAGAAATGCTTGAACCCCTGGAGCANAGA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_144703
<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_144703.1</a></u> , <u><a href="#">NP_653304.1</a></u>
<b>RefSeq Size:</b>	2618 bp
<b>RefSeq ORF:</b>	720 bp
<b>Locus ID:</b>	149986
<b>UniProt ID:</b>	<u><a href="#">Q9BX40</a></u>
<b>Cytogenetics:</b>	20q13.33
<b>Gene Summary:</b>	May play a role in control of mRNA translation.[UniProtKB/Swiss-Prot Function]