

Product datasheet for **SC100571**

LSM12 (NM_152344) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | LSM12 (NM_152344) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | LSM12 |
| Synonyms: | PNAS-135 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC100571 sequence for NM_152344 edited (data generated by NextGen Sequencing) |

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ATGGCGGCTCCTCCGGGCGAGTACTTCAGCGTTGGGAGCCAGGTGTCGTGCCGGACGTGC
CAGGAGCAGCGGCTGCAGGGCGAGGTGGTAGCCTTTGACTACCAATCCAAAATGCTGGCT
TTAAAATGTCCCTCTTCCAGTGGAAAGCCCAACCATGCAGACATCTTGCTCATAAACTTA
CAGTATGTTTCAGAAGTGAAATAATTAATGACCGAACAGAAACCCCTCCTCCCCTAGCT
TCACTCAATGTTAGTAAGCTTGCCAGCAAAGCACGGACAGAGAAGGAGGAGAAGCTGAGC
CAGGCCTATGCAATCAGTGCTGGTGTCTCTCTAGAGGGCCAGCAGCTCTTCCAGACCATT
CACAAGACCATTAAGACTGTAAATGGCAAGAAAAAACATCGTAGTCATGGAAGAAGTT
GTTATTACACCCCATATCAAGTGGAAAACCTGTAAGGCAAAGAGGGGAGTGCACCTGAGC
CATGTACGAAAATAGTTGAAAAACATTTTAGAGACGTGGAAGCCAAAAGATACTGCAA
CGTTCACAAGCCAGCAACCACAGAAGGAGGCTGCCCTGTCATCCTGA
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Clone variation with respect to NM_152344.3



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_152344 unedited CCCCCCGGCCNNCCNCCCCCCCCCCCCCGGTTCAAATTTGTATACGACTCCTATAGG CGGCCGCGNAATTCGCACCAGGCCGCCGCCGCCGCCGCCGCTGCACTCCCAAGAGGCGG CTCCTCCGGGCGAGTACTTCAGCGTTGGGAGCCAGGTGTCGTGCCGACGTGCCAGGAGC AGCGGCTGCAGGGCGAGGTGGTAGCCTTTGACTACCAATCCAAAATGCTGGCTTTAAAT GTCCCTCTCCAGTGAAAGCCCAACCATGCAGACATCTTGCTCATAAACTTACAGTATG TTTCAGAAAGTGGAAATAATTAATGACCGAACAGAAACCCCTCCTCCCCTAGCTTCACTCA ATGTTAGTAAGCTTGCCAGCAAAGCACGGACAGAGAAGGAGGAGAAGCTGAGCCAGGCT ATGCAATCAGTGCTGGTGTCTCTCTAGAGGGCCAGCAGCTCTCCAGACCATTACAAGA CCATTAAGACTGTAATGGCAAGAAAAAACATCGTAGTCATGGAAGAAGTTGTTATTA CACCCCATATCAAGTGGAAAAGTAAAGGCAAAGAGGGGAGTGCAGTGCATGATGAC GCAAAATAGTTGAAAAACATTTTAGAGACGTGGAAAGCCAAAAGATACTGCAACGTTAC AAGCCAGCAACCACAGAAGGAGGCTGCCCTGTCATCCTGAGTCCGTACACATGGAGGAC TCTTCCAGCATCCAGCAAGGAGGCGCTGGTGGTGGCTTACAGAGCCNGCCGGGNGAG GGAAGGATCCTATATGCTGTTGGCTCTTAACAAGGGTCAGCATTTCCAAATCTTAGA CTTGNACANACANACACCCACANNANAGACCCAGAGATATTTANAAGNTGAATCATTAC TTGACCTACAGACTTCGGTCCACCATGTCTTTTACAGCCTT</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_152344 unedited NNNNGGTTTTCTACTATGNNACCGCGCCGCAATCTAGNGATCGATTTTTTTTTTTTTTTT TAAAAAATTGGGTTTTATTGTTTTGCTAAATAATACTAAAAAATTTCAATTTGAA GGCAGGGCTTGAATTATTTAATTTGATCCATTTATTTAATTAAGGAAAGGGA AAGAGATCATGGCCAAAAAATAGTAGTTAACCCCAACCCCAACCCCAAGCTCTAGCCA GTCATGTGAGCATCACCCACATCCCACTCAGTGCCTGATATTGGATGGTGGCATACTCT GCCCAGGAGACTGCCTGAAGGCACGGGCAATGGGTGCCAATTTTAGCTCTCAGCAGGT TAGTCAACCAGACAACTGGTGGCTAAAGTCCAGAAATCTTTCCAGGTTTTCTGCTCA TTGGCTGAGCACATAAACTGTATAAGCCTGTAAAAATTAAGGGGAGTTGGGGTGGG CGTAAGAGCAAAGGACAGCAGGAGAAGAGAAATACGGGTACCCCAAGTTTTCTGGG CTAGTGGCTCTGGATATAGATTTAAAGAGAGGTCAGAGTAAATGGACTCCAGGTTCTTA TCAAAGAAAATATCCCTCAATGAGGAGCTGAGATGTCCATGCAAGAGAGTTCTTCTG CAGAGGCACAGGAGAAAGGGCAGCTGACTCTCATGTGGAAGAGAGTGGCGAGGAAGGT CTTCTAGTACCATGAAATAAGACAGGCCGAGGGAGGATCCCTGAGTTTTGGCCAAATGTT AGACTTGTTCACACCCAGTTAAAGACTAAAAAGCATCCAGGAACCCCTCAAGCCCAATTT TATCTGGCCACTGGCTCTCAAAATTTGCACAAGGAC</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_152344 |
| Insert Size: | 2250 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:

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: [NM_152344.1](#), [NP_689557.1](#)

RefSeq Size: 2212 bp

RefSeq ORF: 588 bp

Locus ID: 124801

UniProt ID: [Q3MHD2](#)

Cytogenetics: 17q21.31