

Product datasheet for **SC114417**

LSM8 (NM_016200) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LSM8 (NM_016200) Human Untagged Clone
Tag:	Tag Free
Symbol:	LSM8
Synonyms:	NAA38
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016200 edited ATGACGTCGGCTTTGGAGAACTACATCAACCGAACTGTTGCCGTTATTACATCAGATGGG AGAAATGATTGTGGGAACACTGAAAGGTTTTGACCAGACCATTAATTTGATTTGGATGAA AGCCATGAACGAGTATTACAGCTCTTCACAGGGGTAGAACAAGTGGTACTAGGATTATAC ATTGTAAGAGGTGACAACGTTGCAGTCATTGGAGAAATCGATGAAGAAACAGATTCTGCG CTTGATTTGGGAATATTCGAGCAGAACCTTTAAATTCTGTAGCACACTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016200 unedited NGGTGCACATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGGCGCAGGCC CTATCCGCTGCCGGTTCTGGCGGCCCTTTCAGTTCTGCTTGTCCGACCCTGCG TTACCCGGAACCGCCGGCCGAACAGCATGACGTCGGCTTTGGAGAACTACATCAACCGA ACTGTTGCCGTTATTACATCAGATGGGAGAATGATTGTGGGAACACTGAAAGTTTTGAC CAGACCATTAATTTGATTTGGATGAAAGCCATGAACGAGTATTACAGCTCTTCACAGGG GTAGAACAAGTGGTACTAGGATTATACATTGTAAGAGGTGACAACGTTGCAGTCATTGGA GAAATCGATGAAGAAACAGATTCTGCGCTTGATTTGGGAATATTCGAGCAGAACCTTTA AATTCTGTAGCACACTGAGGAAAACTACATACTGGACATCTGAAATCTTTGTACAGA AACTGATTATTCTGAGGATGATATATGGAGTTTTTATGAATGTGCACTGGATTTTGACT CCTTATTGATTCATTGTAATATGTAATTAATAATTTCTACATTNTATTGAAAAAAAAA CCTTTTTTTTTTGCCTAAATATAAGTTTGGTAGCTTGGTTTCTTTNTTTTATTAATAGT GTGAAAATATAATGGGCATTTTGAACCTTTTAGAANAAGTAGTACTTTTTGACTTTT AGTATTTATGGAACTAGTGAANNAGAGAAATAGTGTGCTATANTAATCAGGGCATTCA GTAACAGNTATACAGGATATATGNNGTTTCTTTCCCTGGATGTTAGGAAATCACAGGNAG GGTAATCTTTGCTGGGAGTATCTGAATCATTGGCATTNATCCGATNCACTGGTGGGAGNT T
Restriction Sites:	NotI-NotI
ACCN:	NM_016200



[View online »](#)

Insert Size:	4680 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:	NM_016200.2 , NP_057284.1
RefSeq Size:	1206 bp
RefSeq ORF:	291 bp
Locus ID:	51691
UniProt ID:	O95777
Cytogenetics:	7q31.31
Domains:	Sm
Protein Pathways:	RNA degradation, Spliceosome
Gene Summary:	This gene encodes a member of the like-Sm family of proteins. The encoded protein consists of a closed barrel shape, made up of five anti-parallel beta strands and an alpha helix. This protein partners with six paralogs to form a heteroheptameric ring which transiently binds U6 small nuclear RNAs and is involved in the general maturation of RNA in the nucleus. [provided by RefSeq, Jan 2010]