

Product datasheet for **SC312035**

LSM7 (AK092837) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LSM7 (AK092837) Human Untagged Clone
Tag:	Tag Free
Symbol:	LSM7
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:	>OriGene sequence for AK092837 edited ACACACGGCGCAACAAGATGGCGGATAAGGAGAAGAAGAAAAAGGAGAGCATCTTGGACT TGTCCAAGTACATCGACAAGACGATCCGGGTAAGTTCCAGGGAGGCCGCGAAGGTGAGG AGGCTCCCGCTGTCGGTACCCCTCTTTAAAAATTTCAAATAAACCCAGCAACAGAGATG ATGAGGACGCATGCGGAAGCACCTCTTTATTTATTTTATTATTTTTTTTGAGACGCAG TCTCGCTCTGTCGCCCGGGCTGGAGTGCAGTGGTGCATCTCAGCTCACTGCAACCTCCG CCTCCCAGGTTCCGGGTGATTCTTTGTGCCCTCAGCCTCCCGAGTAGCTGGAATTAATGTGTA CCACCACGCCCGGCTGATATTTGTATTTTGTAGTGAGACGCCATGTTGGCCAGGATGGTC TCGAACTCCTGGCCTCAAGCGATCTGCCTGCCTCAGCCCCCTAAATTGCTGGGATTTGAG GCATGAGCCACCATGCCAGCCTAGCATTTTTGACTGGGCAAGTGAGCTGCCTTCTCCTA GCCTCCGTTTCTCATTGTCAAATGGGGCTGGTAACTCCACCCACTTCACAGGGGGTGG TGAGAATGAATGGTTACAGGCATGTAATGTAATTGAGGCAGCTCTCAGCAGGAAGTAAGC AGTCAGACAACACGTCACCTATTCAATAGCCTCTTGGATCTTTGGTTCTTTTTTTTGTGA AGACGGGGACCCAAACCTCTTTGTCCCTGGATTGTAGACAAGTGGGTGGCATGAGAGTTA TTAAAAATCACAGTGCCCGAGCCGACGGGGCGGCTCACGTGTGTAATCCAGCACTTTG GGAGGCCGAGGTGGGTGATCACCTGAGGTCAGGAGTTTAGGACCAGCCTGGCCAATATG GTGAAGGCCCGTCTCTACTAAAAATGCAAAAATTAGTTGGTTGTGGTGGTGGGCACCTGT GGTCCCAGCTGCTTTGGAGGCTGAGACGGGAGCATTGCTTGAACCTAAGTGCCTCCAGCC TGGGCAACAGAGCGAGACTCCGTCCCAAAAAAAGGGTGAATGTGAGCAGGCCACGAATG ACCAGGATAAGGGGACACGAAAGACCATTCCCGGCAGAGAACAGAGATGAAAATATTGAG CCTTGTGAGAAAATCACAAAGAAATACAATATTCATGGAGCACAAGGCTCCTCTTCCTTTA TAAAGTCTTTCCAGCCAGCCCGGCAAAGCGTAGGTTTCAACTTCTCCTTTGTTGCAGCCT TTTCCAAAAGTGCAGATGTAAAAGAGAGGAGCAGGCCTTGGCAGGGGATGGGACTGATAA GGCAGGCACAGGCCAGGTAAGTACTGTAGACCACATCAGGGAGCTTCAGATGTATCGTGTAGG TAATGGGGAGCCACTGAAGATGTTTGGAGGAGCAGAAGAGCATGGTCCAAGATCAGTTTGA GATGATCACTCTGGCTGCTTCGTGGGAATGGATTGCAGAAGTGAGCCTAGAGGCAAGGA ATCAGAAAAGGGGACATTGAGTTCAGGGGAGTTATGATAAAGGCCTGAACTGGGACAGGG AAAGTGGGAAAGGAAAGGAGGGGACAGATTTGAGGGCCATTAATGTAGAACGGGGGCC GGGTGCGGTGGCTCACGCCTATAATCCAGCACTTTGGGAGGCCGAGGTGGGTGAGGTCA GGAGTTCAAGACCAGCCTGGCCAGCATGGCGAAACCCGTTTCTACTAAAAATGCAAAAA TTGGCCGAGCTGGTGGCGCATGCCTGTGATCACAGCTACTCGGGAGGCTGAGAAGAATC ACTTGAACCCTGGAGACAGAGGCTGGAGTGAGCCGAGATGGCGTCACTGCCTCCAGCCT GGGTGACAGAGCAAGACTCTGTCTCAC
Restriction Sites:	Please inquire
ACCN:	AK092837
Insert Size:	1900 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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: [AK092837.1](#)

RefSeq Size: 1887 bp

RefSeq ORF: 1887 bp

Locus ID: 51690

Cytogenetics: 19p13.3

Protein Families: Stem cell - Pluripotency

Protein Pathways: RNA degradation, Spliceosome

Gene Summary: Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.[supplied by OMIM, Apr 2004]