

Product datasheet for **RC200288L3V**

LSM1 (NM_014462) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LSM1 (NM_014462) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LSM1
Synonyms:	CASM; YJL124C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014462
ORF Size:	399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200288).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_014462.2
RefSeq Size:	1161 bp
RefSeq ORF:	402 bp
Locus ID:	27257
UniProt ID:	O15116
Cytogenetics:	8p11.23
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	RNA degradation



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MW: 15.2 kDa

Gene Summary: This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Increased expression of this gene may play a role in cellular transformation and the progression of several malignancies including lung cancer, mesothelioma and breast cancer. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, Nov 2011]