

## Product datasheet for **RC201769L4V**

### LSM4 (NM\_012321) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LSM4 (NM_012321) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LSM4
Synonyms:	GRP; YER112W
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012321
ORF Size:	417 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201769).
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. <a href="#">More info</a>
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:	<a href="#">NM_012321.2</a>
RefSeq Size:	1825 bp
RefSeq ORF:	420 bp
Locus ID:	25804
UniProt ID:	<a href="#">Q9Y4Z0</a>
Cytogenetics:	19p13.11
Domains:	Sm
Protein Families:	Stem cell - Pluripotency



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**Protein Pathways:** RNA degradation, Spliceosome

**MW:** 15.3 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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]