

Product datasheet for **MR200265L4V**

Lsm2 (NM_001110101) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lsm2 (NM_001110101) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lsm2
Synonyms:	D17H6S56E-2; D17H6S56E2; Dmapl; Dmpkap; G7b; Sm-X5; SmX5; snRNP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001110101
ORF Size:	288 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200265).
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_001110101.1
RefSeq Size:	890 bp
RefSeq ORF:	288 bp
Locus ID:	27756
UniProt ID:	O35900
Cytogenetics:	17 18.52 cM



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Gene Summary:

Plays role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA.[UniProtKB/Swiss-Prot Function]