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Product datasheet for RC203460L3V

LSM2 (NM_021177) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LSM2 (NM_021177) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LSM2
Synonyms:	C6orf28; G7B; snRNP; YBL026W
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021177
ORF Size:	285 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203460).`
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_021177.3
RefSeq Size:	880 bp
RefSeq ORF:	288 bp
Locus ID:	57819
UniProt ID:	Q9Y333
Cytogenetics:	6p21.33
Domains:	Sm
Protein Pathways:	RNA degradation, Spliceosome

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MW: 10.8 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. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 19. [provided by RefSeq, Nov 2011]