

## Product datasheet for **MR200559L3V**

### **Snrpd1 (NM\_009226) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Snrpd1 (NM_009226) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Snrpd1
Synonyms:	AA407109; AL023031; SMD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009226
ORF Size:	360 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200559).
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_009226.2</a> , <a href="#">NP_033252.1</a>
RefSeq Size:	837 bp
RefSeq ORF:	360 bp
Locus ID:	20641
UniProt ID:	<a href="#">P62315</a>
Cytogenetics:	18 A1



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**Gene Summary:**

Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes. Is also a component of the minor U12 spliceosome. May act as a charged protein scaffold to promote snRNP assembly or strengthen snRNP-snRNP interactions through non-specific electrostatic contacts with RNA.[UniProtKB/Swiss-Prot Function]