

Product datasheet for **RC200416L4V**

SNRPF (NM_003095) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SNRPF (NM_003095) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SNRPF
Synonyms:	Sm-F; SMF; snRNP-F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003095
ORF Size:	258 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200416).
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_003095.2
RefSeq Size:	806 bp
RefSeq ORF:	261 bp
Locus ID:	6636
UniProt ID:	P62306
Cytogenetics:	12q23.1
Domains:	Sm
Protein Families:	Stem cell - Pluripotency



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Protein Pathways: Spliceosome

MW: 9.7 kDa

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 (PubMed:11991638, PubMed:18984161, PubMed:19325628, PubMed:23333303, PubMed:25555158, PubMed:26912367, PubMed:28502770, PubMed:28781166, PubMed:28076346). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346). Is also a component of the minor U12 spliceosome (PubMed:15146077). As part of the U7 snRNP it is involved in histone 3'-end processing (PubMed:12975319).[UniProtKB/Swiss-Prot Function]