

## Product datasheet for RC231072L4V

## OriGene Technologies, Inc.

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## SFRS7 (SRSF7) (NM\_001195446) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: SFRS7 (SRSF7) (NM 001195446) Human Tagged ORF Clone Lentiviral Particle

Symbol: SFRS7

**Synonyms:** 9G8; AAG3; SFRS7

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001195446

ORF Size: 678 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC231072).

Sequence:

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 001195446.1, NP 001182375.1

 RefSeq ORF:
 681 bp

 Locus ID:
 6432

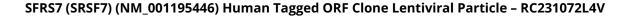
 UniProt ID:
 Q16629

Cytogenetics: 2p22.1

**Protein Pathways:** Spliceosome

**MW:** 26.5 kDa







## **Gene Summary:**

The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of premRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an N-terminal RNA recognition motif (RRM) for binding RNA and a C-terminal RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2018]