

Product datasheet for **RC209842L2V**

SC35 (SRSF2) (NM_003016) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SC35 (SRSF2) (NM_003016) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SC35
Synonyms:	PR264; SC-35; SC35; SFRS2; SFRS2A; SRp30b
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003016
ORF Size:	663 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209842).
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_003016.2
RefSeq Size:	2923 bp
RefSeq ORF:	666 bp
Locus ID:	6427
UniProt ID:	Q01130
Cytogenetics:	17q25.1
Domains:	RRM
Protein Families:	Stem cell - Pluripotency, Transcription Factors



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Protein Pathways: Spliceosome

MW: 25.3 kDa

Gene Summary: The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an 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. Two transcript variants encoding the same protein and one non-coding transcript variant have been found for this gene. In addition, a pseudogene of this gene has been found on chromosome 11. [provided by RefSeq, Sep 2010]