

## Product datasheet for **RC209842L4V**

### 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: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| 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. <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_003016.2</a>  |
| RefSeq Size:              | 2923 bp  |
| RefSeq ORF:               | 666 bp   |
| Locus ID:                 | 6427   |
| UniProt ID:               | <a href="#">Q01130</a>   |
| 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]