

## Product datasheet for **RC218898L1V**

### Syntenin 2 (SDCBP2) (NM\_015685) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Syntenin 2 (SDCBP2) (NM_015685) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Syntenin 2   |
| Synonyms:                 | SITAC; SITAC18; ST-2; ST2  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_015685  |
| ORF Size:                 | 621 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218898).   |
| 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_015685.3</a>  |
| RefSeq Size:              | 1274 bp  |
| RefSeq ORF:               | 624 bp   |
| Locus ID:                 | 27111  |
| UniProt ID:               | <a href="#">Q9H190</a>   |
| Cytogenetics:             | 20p13  |
| Domains:                  | PDZ  |
| MW:                       | 22.5 kDa   |



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**Gene Summary:**

The protein encoded by this gene contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The encoded protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Read-through transcription also exists between this gene and the upstream FKBP1A (FK506 binding protein 1A, 12kDa) gene, as represented in GenelD:100528031. [provided by RefSeq, Sep 2011]