

Product datasheet for **RC208942L4V**

SREBP2 (SREBF2) (NM_004599) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SREBP2 (SREBF2) (NM_004599) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SREBP2 |
| Synonyms: | bHLHd2; SREBP-2; SREBP2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_004599 |
| ORF Size: | 3423 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208942). |
| 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_004599.2 |
| RefSeq Size: | 4325 bp |
| RefSeq ORF: | 3426 bp |
| Locus ID: | 6721 |
| UniProt ID: | Q12772 |
| Cytogenetics: | 22q13.2 |
| Domains: | HLH |
| Protein Families: | Druggable Genome, Transcription Factors |



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MW: 123.5 kDa

Gene Summary: This gene encodes a member of the a ubiquitously expressed transcription factor that controls cholesterol homeostasis by regulating transcription of sterol-regulated genes. The encoded protein contains a basic helix-loop-helix-leucine zipper (bHLH-Zip) domain and binds the sterol regulatory element 1 motif. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]