

Product datasheet for **RC223734L1V**

SCAP (NM_012235) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SCAP (NM_012235) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SCAP |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_012235 |
| ORF Size: | 3837 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC223734). |
| 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_012235.2 |
| RefSeq Size: | 4255 bp |
| RefSeq ORF: | 3840 bp |
| Locus ID: | 22937 |
| UniProt ID: | Q12770 |
| Cytogenetics: | 3p21.31 |
| Domains: | WD40 |
| Protein Families: | Druggable Genome, Transcription Factors, Transmembrane |
| MW: | 139.5 kDa |



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Gene Summary:

This gene encodes a protein with a sterol sensing domain (SSD) and seven WD domains. In the presence of cholesterol, this protein binds to sterol regulatory element binding proteins (SREBPs) and mediates their transport from the ER to the Golgi. The SREBPs are then proteolytically cleaved and regulate sterol biosynthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]