

## Product datasheet for **RC229742L4V**

### SCP3 (SYCP3) (NM\_001177948) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SCP3 (SYCP3) (NM_001177948) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCP3
Synonyms:	COR1; RPRGL4; SCP3; SPGF4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001177948
ORF Size:	708 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229742).
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_001177948.1</a> , <a href="#">NP_001171419.1</a>
RefSeq Size:	1119 bp
RefSeq ORF:	711 bp
Locus ID:	50511
UniProt ID:	<a href="#">Q8IZU3</a>
Cytogenetics:	12q23.2
MW:	27.7 kDa



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**Gene Summary:**

This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2010]