

## Product datasheet for **RC216783L4V**

### SCP2 (SYCP2) (NM\_014258) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SCP2 (SYCP2) (NM_014258) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCP2
Synonyms:	SCP-2; SCP2; SPGF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014258
ORF Size:	4590 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216783).
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_014258.2</a>
RefSeq Size:	5497 bp
RefSeq ORF:	4593 bp
Locus ID:	10388
UniProt ID:	<a href="#">Q9BX26</a>
Cytogenetics:	20q13.33
MW:	175.6 kDa



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**Gene Summary:**

The synaptonemal complex is a proteinaceous structure that links homologous chromosomes during the prophase of meiosis. The protein encoded by this gene is a major component of the synaptonemal complex and may bind DNA at scaffold attachment regions. The encoded protein requires synaptonemal complex protein 3, but not 1, for inclusion in the synaptonemal complex. [provided by RefSeq, Jul 2008]