

Product datasheet for RC209340L4

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OriGene Technologies, Inc.

SCP3 (SYCP3) (NM_153694) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SCP3 (SYCP3) (NM_153694) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SCP3

Synonyms: COR1; RPRGL4; SCP3; SPGF4

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

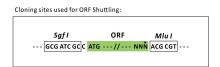
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209340).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_153694

ORF Size: 708 bp



SCP3 (SYCP3) (NM_153694) Human Tagged Lenti ORF Clone - RC209340L4

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: NM 153694.3, NP 710161.1

 RefSeq Size:
 1137 bp

 RefSeq ORF:
 711 bp

 Locus ID:
 50511

 UniProt ID:
 Q8IZU3

Cytogenetics: 12q23.2

MW: 27.7 kDa

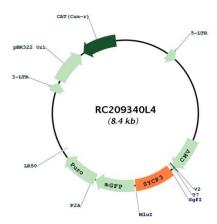
Gene Summary: This gene encodes an essential structural component of the synaptonemal complex. This

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]



Product images:



Circular map for RC209340L4