

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC229742L3V

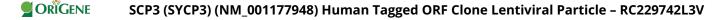
SCP3 (SYCP3) (NM_001177948) Human Tagged ORF Clone Lentiviral Particle

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-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
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. <u>More info</u>
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:	<u>NM 001177948.1, NP 001171419.1</u>
RefSeq Size:	1119 bp
RefSeq ORF:	711 bp
Locus ID:	50511
UniProt ID:	<u>Q8IZU3</u>
Cytogenetics:	12q23.2
MW:	27.7 kDa



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



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]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US