

Product datasheet for **RC226768L4V**

SYCE1 (NM_001143764) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SYCE1
Synonyms:	C10orf94; CT76; POF12; SPGF15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143764
ORF Size:	1053 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226768).

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_001143764.1
RefSeq ORF:	1056 bp
Locus ID:	93426
Cytogenetics:	10q26.3
MW:	39.5 kDa



Gene Summary:

This gene encodes a member of the synaptonemal complex, which links homologous chromosomes during prophase I of meiosis. The tripartite structure of the complex is highly conserved amongst metazoans. It consists of two lateral elements and a central region formed by transverse elements and a central element. The protein encoded by this gene localizes to the central element and is required for initiation and elongation of the synapsis. Allelic variants of this gene have been associated with premature ovarian failure and spermatogenic failure. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]