

Product datasheet for **RC226843L4V**

RAD21L1 (NM_001136566) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	RAD21L1
Synonyms:	dJ545L17.2; RAD21L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136566
ORF Size:	1668 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226843).

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_001136566.2
RefSeq Size:	1808 bp
RefSeq ORF:	1671 bp
Locus ID:	642636
UniProt ID:	Q9H4I0
Cytogenetics:	20p13



MW: 63.3 kDa

Gene Summary: Meiosis-specific component of some cohesin complex required during the initial steps of prophase I in male meiosis. Probably required during early meiosis in males for separation of sister chromatids and homologous chromosomes. Replaces RAD21 in premeiotic S phase (during early stages of prophase I), while RAD21 reappears in later stages of prophase I. Involved in synaptonemal complex assembly, synapsis initiation and crossover recombination between homologous chromosomes during prophase I (By similarity).[UniProtKB/Swiss-Prot Function]