

## Product datasheet for RC209054L4V

## OriGene Technologies, Inc.

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## ORC6L (ORC6) (NM 014321) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: ORC6L (ORC6) (NM\_014321) Human Tagged ORF Clone Lentiviral Particle

Symbol: ORC6L
Synonyms: ORC6L

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

**ACCN:** NM\_014321

ORF Size: 756 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC209054).

Sequence:
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.

**RefSeg:** NM 014321.2

 RefSeq Size:
 1644 bp

 RefSeq ORF:
 759 bp

 Locus ID:
 23594

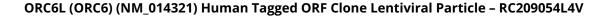
 UniProt ID:
 Q9Y5N6

 Cytogenetics:
 16q11.2

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Cell cycle





ORIGENE

MW: 28.1 kDa

**Gene Summary:** 

The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis. [provided by RefSeq, Oct 2010]