

## Product datasheet for RC201587L3V

## 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

## ORC4L (ORC4) (NM\_002552) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: ORC4L (ORC4) (NM\_002552) Human Tagged ORF Clone Lentiviral Particle

Symbol: ORC4L

Synonyms: ORC4L; ORC4P

Mammalian Cell

Puromycin

Selection:

ACCN:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

NM 002552

Tag: Myc-DDK

ORF Size: 1308 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC201587).

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 002552.2

RefSeq Size: 6594 bp RefSeq ORF: 1311 bp

Locus ID: 5000

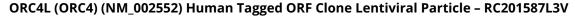
UniProt ID: <u>043929</u>

Cytogenetics: 2q23.1

Domains: AAA

**Protein Pathways:** Cell cycle





**MW:** 50.4 kDa

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**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. This gene encodes a subunit of the ORC complex. Several alternatively spliced transcript variants, some of which encode the same protein, have been reported for this gene. [provided by RefSeq,

Oct 2010]