

## Product datasheet for **RC209054L3V**

### 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-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014321
ORF Size:	756 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209054).
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. <a href="#">More info</a>
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:	<a href="#">NM_014321.2</a>
RefSeq Size:	1644 bp
RefSeq ORF:	759 bp
Locus ID:	23594
UniProt ID:	<a href="#">Q9Y5N6</a>
Cytogenetics:	16q11.2
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Cell cycle



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**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]