

## Product datasheet for **SC210236**

### ORC6L (ORC6) (NM\_014321) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ORC6L (ORC6) (NM\_014321) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ORC6  
**Synonyms:** ORC6L  
**ACCN:** NM\_014321  
**Insert Size:** 839 bp  
**Insert Sequence:** >SC210236 3'UTR clone of NM\_014321  
The sequence shown below is from the reference sequence of NM\_014321. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAGTGCTCAAAGGCTACAGCAGAGTGAATTTTCAGCTTCCAAACTGGTATACATTCCAAAGTATAGT
ACATTGCCATCTCCAGGAAGACTTGACGGCTTTGGGATTTTGTAACTTTTATAATAAGATCCCTAA
GACTGTTGCCTTTAAATAGCAAAGCAGCCTACCTGGAGGCTAAGTCTGGGCAAGTGGGCTGGCCCTGGT
GTGAGCATTAGACCAGCCACAGTGCCTGATTGGTATAGCCTTATGTGCTTTCCTACAAAATGGAATTGG
AGGCCGGGCGCAGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCAAGGTGGTGGATCACCTGA
GGTCAGGAGCTCGAGACCAGCCTGGCCAACATGGTGAACCCCATCTCTACTAAAAATACAAAATTAG
CCAGGTGTGATGGTGCATGCCTGTAATCCCAGCTCCTCAGTAGGCTGAGACAGGAGCATCACTTGAACG
TGGGAGGCAGAGGTTGCAGTGAGCCGAGATTGCACCACCGCACTCCAGCCTGGGTGACAGAGCGGAGACT
TATCTCATAAAATAAATAGATAGATACTCCAGCCTGGGTGACAGAGCGGAGACTTATAGATAGATAGATAG
ATAGATGGATAGATAGATAGATAGATAGATAGATAAACGGAATTGGAGCCATTTTGCTTTAAGTG
AATGGCAGTCCCTTGCTTATTCCAGAATAAAAATTCAGTCTGAATGGCATCTTACAGATTTTACTTCA
ATTTTTGTGTACGGTATTTTTTATTTGACTAAATCAATATATTGTACAGCCTAAGTTAATAAATGTTAT
TTATATATGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_014321.4](#)

**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]

**Locus ID:** 23594

**MW:** 31