

## Product datasheet for **SC214069**

### ORC4L (ORC4) (NM\_181742) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ORC4L (ORC4) (NM_181742) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ORC4
Synonyms:	ORC4L; ORC4P
ACCN:	NM_181742
Insert Size:	2000 bp



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**Insert Sequence:** >SC214069 3'UTR clone of NM\_181742  
 The sequence shown below is from the reference sequence of NM\_181742. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGGCAACATCCTCACTAAGCTGGTTATGAATATAACCAAGTACTTCAACTTTGGCATTTCATTCATAC
TTCTGTAGAGAACGGAATACTATTGTCCATTAACATGATATGCTAAACATTCTATAAACATTCTTGAT
TTATGTGAGACTTGGCCATCTACTGTCTTGGCTGTCTTGCCTTTAATCATGAACAGTTACATGATT
TATAATTTCACTGATTGAGATTCTTTGTAAGTAGCTGTTCAGAAGAATAAAATATGACTGTTTTAGGG
ACTAGACCATGTGCTTTTTAACACTTATATATAATGGTCTATTTGAAGAGCTCACTTCAACCTAAC
AGCTAGATGTCTTACAAACCTAAACCAAGGAGTAAAAAACAATGGTAAGCACTGAAGTATAATA
AGTAACCTTTGGTACAGCAGTTTGTGTCAGTGTCTTTCTGTCCACATGCAAATTTGGATTCTATC
CCAGACCCAGTTTCTAGTTCAGAAGACTAACCCAGCTTGTGAGAGATGGTCCATGGAAGAAAAAG
GCCAAGGAGTTTGAAGATTTTCTTCTAGACATCTCAAAATGTGGTACTCATACCATCCACATCAGAA
CCCTTGTAGGATTTCTAAAATTACAGATTGTTGAGCCTACCATAGGTCAAAAGGACTGGAAATTTCT
TCTTAACAAGTATAGTCATGGCACCACGTAACATTTTGGTCAATGACATTGTATAAAGGGTGGTCTCAT
AAGATTATACCATATTTTACTGTACCTTTTCTATGTCTAAATATACAAATGTTTTACCATTGTGTTAC
AGTTGCCTACAGTATGATTACAGTAACATTCTGTACAGTGCTATAGCTGAAGAGTAAATAGGCTAGGCTA
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TTTGTATTAATAAAGTAAATCCCTATGAGGAATGTGGAAATGTCCGTCAAAGCATTGTCTTTAAGTAAG
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TTGTTCAAGAATATTTGATTTTCTATTGTGTGCATGGGAGGTTTACAAAAGACAGACTGTCCCTATGCT
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AACTAACACAGCAGTGGCAATGCTGGGAATGGCCAACAGGCTTGGAAATCAACTCAGTTTACACCAAAA
GCCAGTGTATTAAGACCTGAAGTTCAACAGTGGATTCCCTTACCAATAGTTTTTAAAGTATGCTCTAA
GGAACAATGTTTTAATGAAATCTTGATACAAAGTGAATAAAAAGTTTTCTGAGCATAAAGTAGCTCTT
CAGTAGTTACAACCTATTTTGCATACATAGCCTTTCCCTCCGCAAAAAGTTAAGCCTGCTAAGT
ATTCAGATCCCTGTCATTTACTTCTCAGCAGTCTCATTCAAGCTAAGGCTTGCATCACTCAATCTGTGCC
GTAGTCTACACATTTTTAGGGGATATTTACCAAAATACTTGACATGGTAACATCACTATTATATACTA
GAAGCAAGAATTTTACACTTATGCTCTAAGTGATCCTTTTAAAAATTTTCTGAACATTTTGGGAAAGT
ATTATTTGTCTTAAAGGGTAACAGCCTCATGAAATGACTTGAGGATTCCAATTTCTTATTAGCTTAAAG
TGTCACTTAAAAGCTGACAGCCCTCATCTGTCTCATTGGCTACATAAGAGCTGCAGAAGATCCATCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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**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).

**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\\_181742.4](#)

**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. 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]

**Locus ID:** 5000

**MW:** 77