

Product datasheet for **SC204672**

ORC3L (ORC3) (NM_012381) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ORC3L (ORC3) (NM_012381) Human 3' UTR Clone
Symbol:	ORC3L
Synonyms:	LAT; LATHEO; ORC3L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012381
Insert Size:	358 bp
Insert Sequence:	>SC204672 3'UTR clone of NM_012381 The sequence shown below is from the reference sequence of NM_012381. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGCAAGACTAACATGGGGAGGCTGCTAGAAAGCAAATAAGCAAAGCCAGAACTATCACATTTAGCTT
AAGAGAAAAAGGTGACCAGTCATATTTACATATATTAGAGGAGCCTGTTTGTGAGAAGATAAATGTG
TAACCCCATTTGATGTTTAACCAGAAAAGTACATTGCTAACCCCAAACAGGCATGTATCAAAACACCTG
TGGAGTACTTTAGACTCCAACAAATAAATGTAACATAAACTGCTCACACATTTACTGTACTTTCCA
AAGTCATTACTAAATTGTGAGTAAATCATTCTTGAACCTTAGAGTATGTAATGTAATAAATCCGTTAT
CCAGGAGTATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_012381.4](#)

Summary: The origin recognition complex (ORC) is a highly conserved six subunits 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. Studies of a similar gene in *Drosophila* suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 23595

MW: 13.8