

Product datasheet for RC224495

ORC5L (ORC5) (NM_181747) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORC5L (ORC5) (NM_181747) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORC5L
Synonyms:	ORC5L; ORC5P; ORC5T; PPP1R117
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224495 representing NM_181747 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCACTTGGAAAACGTGGTGCTTTGTGCGGAGTCTCAAGTGTCCATCTTGCAGTCCTTGTTGGAG
AGAGACATCATTTAGCTTTCCATCCATTTTTATTTATGGACATACTGCTAGTGGAAAGACCTATGTAAC
ACAAACGTTGTTGAAAACTTTAGAGCTCCACATGTGTTGTGAATTGTGTTGAATGCTTTACATTGAGG
CTGCTTTTGGACAAAATTTAAACAAATGAATCATCTTAGTTCTTCAGAGGATGGATGTTCTACTGAAA
TAACCTGTGAAACATTTAATGACTTTGTTCGCTTGTAAACAAGTAACCACAGCTGAAAATCTTAAAGA
TCAGACTGTATATATTGTTCTAGATAAAGCAGAGTATCTAAGAGATATGGAAGCAAATCTTTGCGCTGGA
TTTCTTAGATTACAAGAATTGGCTGACAGAAATGTGACTGTTCTCTTTCTCAGTGAATTTGTTGGAAA
AGTTTCGTCCAAATACTGGATGCTTTGAGCCGTTTGTCTTATATTTCCCTGATTACAGCATAGGCCAACCT
TCAAAAGATCCTGTCCCATGATCATCTCCAGAGTATTCAGCTGATTTCTATGCTGCCTACATTAACATT
CTTCTGGAGTTTTCTACACTGTTTGTGCGAGATTTGAAAGAGCTCAGACATCTGGCAGTACTTAATTTTC
CTAAATATTGTGAACCCGTGGTTAAAGGAGAAGCAAGTGAACGTGATACTCGAAACTGTGGAGAAAAT
TGAACCTCATTTGAAGAAAAGCTATGCAGACTGTTTATCTCAGGGAATATCAAGTCCCAGTGGGAAAAG
CTACAGAAAGATGACACAGATCCGGGCAACTGAAAGGTATCAGAGGAAGTATTGAGACAGTTACCGGAG
ATACTTCTCAGCTAATTATCAAGATACTAAAGTTAATACTAAAGAGCATTTCAGTCAGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_181747.3](#), [NP_859531.1](#)

RefSeq Size: 1334 bp

RefSeq ORF: 975 bp

Locus ID: 5001

UniProt ID: [O43913](#)

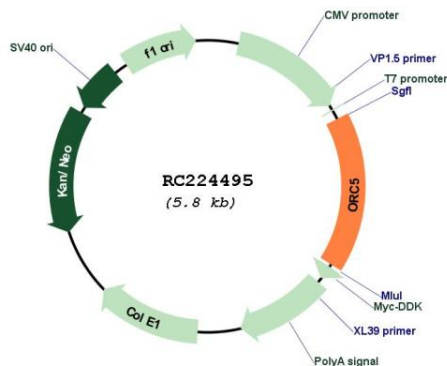
Cytogenetics: 7q22.1-q22.2

Protein Pathways: Cell cycle

MW: 37.4 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. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Oct 2010]

Product images:



Circular map for RC224495