

Product datasheet for **MR206930**

Orc5 (NM_011959) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Orc5 (NM_011959) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Orc5
Synonyms:	AL033327; MmORC5; Orc5l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206930 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCACTTGGAGAGCATGGTCTCTGTGCGAGAGGCCCAAGTGTCCACTTTGCAGTCCCTGTTTGGAG
 AGAGACATCATTTTCAGCTTTCCGTCATCTTTATTATGGACACACTGCCAGTGGGAAGACCTATGTAAC
 ACAAACATTGTTGAAAACTTTAGAGCTGCCGCATGCCTTTGTGAATTGTGTTGAATGTTTTACTTCGAGG
 CTACTTTTGGAAACAAATTTAAACAAGCTGAGTCATCTTAATTCTTCAGATGCAGGGTGTCTACAGAAA
 TGACCTGTGAAACATTTAATGACTTTGTTGAGTTATTTAAGCAAGTGACCAGTGTGAACATCTCAAGGA
 CCAGACTGTGTATATTGTTCTGGATAAAGCTGAGTATCTAAGAGACATGGAAGCAAATCTTTGCCTGGG
 CTCCTTAGGCTGCAAGAATTGACTGACAGAAATGTGACTGTTATCTTTCTCAGTGAGATTATTTGGGAAA
 AATTTTCGTCCAAATACTGGATGCTTTGAGCCATTTGTCTTATATTTCCCTGACTATAGCATAGGAAACCT
 TCAAAAGATCCTGTCCCATGATCATCTCCAGAGTATTCAGCGGATTTTTACGCTGCCTACATTAACATT
 CTCTTTGGAGTTTTCTACACTGTCTGTCGGGATCTGAAAGAACTCAGACACCTGGCAGTGCCTAATTTC
 CCAAATACTGTGAACCTGTAGTTAAAGGAGAAGCAGGTGAACGTGATACTCGCAAACCTGTGGAGAAATAT
 TGAACCTCACCTGAAGAAGGCAATGCAGACTGTGTATCTCAGGGAGATCTCAAGTTCCCAGTGGGAAAAG
 TTACAGAAAGATAACACAGACCCAGGACAACCTGAAAGGTCTCTCGGCGTACCCACATGGAACCTCCAT
 ATTACTCCAAGTTTATTCTTATTGCTGCATACCTTGCTCTTATAACCCAGCGAGAAGTATAAGAGGTT
 CTTCTTAAGCATCATGGGAAAATCAAGAAGACTAACTTTCTAAGAAGCATGAGAAGACAAGCAATCAT
 CTTCTTGGACAAAGCCCTTTCCACTGGACAGATTATTAGCAATATTGTATAGTATAGTGGACAGCAGAG
 TGGCTCCAACAGCAAATATCTTCTCCAGATTACCTCCCTAGTGACTCTACAGCTGTTAACCATAGTTGG
 TCATGAAGATCAACTTAATGGGCCAAAATACAAATGCACAGTTTCTCTAGATTTTCATCAGAGCTATTGCA
 CGGATGGTGAACCTTTGACATAATAAAATACTTGTATGATTTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206930 protein sequence
 Red=Cloning site Green=Tags(s)

MSHLESMVLCREAVSTLQSLFGERHHFSFPSIFIYGHTASGKTYVTQTLLKTLELPHAFVNCVECFTSR
 LLLLEQILNKLSHLNSSDAGCSTEMTCETFNDFVQLFKQVTSAEHLKDQTVYIVLDKAEYLRDMEANLLPG
 LLRLQELTDRNVTIVIFLSEIIWEKFRPNTGCFEPFVLYFPDYSIGNLQKILSHDHPPEYSADFYAAYINI
 LLGVFYTVCRDLKELRHLAVLNFPKYCEPVVKGAEGERDTRKLWRNIEPHLKKAMQTVYLREISSSQWEK
 LQKDNTPGQLKGLSAYTHMELPYYSKFIILIAAYLASYNPARTDKRFFLKHGKIKKTNFLKKHEKTSNH
 LLGPKPFPLDRLLAILYSIVDSRVAPTANIFSQITSLVTLQLLTIVGHEQNLNPKYKCTVSLDFIRAIA
 RMVNFDIKLYDFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

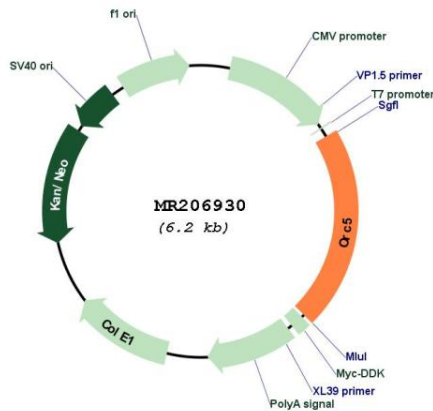
Restriction Sites:

SgfI-MluI

MW: 50.2 kDa

Gene Summary: Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206930