

## Product datasheet for MC215699

### Orc5 (NM\_011959) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Orc5 (NM_011959) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Orc5
Synonyms:	AL033327; MmORC5; Orc5l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215699 representing NM_011959 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCTCACTTGGAGAGCATGGTCCTCTGTGCGAGAGGCCAAGTGTCACCTTTCAGTCCCTGTTGGAG  
AGAGACATCATTTAGCTTTCCGTCATCTTTATTTATGGACACACTGCCAGTGGGAAGACCTATGTAAC  
ACAAACATTGTTGAAAACCTTAGAGCTGCCGCATGCCTTTGTGAATTGTGTTGAATGTTTTACTTCGAGG  
CTACTTTTGGAAACAAATTTAAACAAGCTGAGTCATCTTAATTCTTCAGATGCAGGGTGTCTACAGAAA  
TGACCTGTGAAACATTTAATGACTTTGTTCAGTTATTTAAGCAAGTGACCAGTGCTGAACATCTCAAGGA  
CCAGACTGTGTATATTGTTCTGGATAAAGCTGAGTATCTAAGAGACATGGAAGCAAATCTTTTGCCTGGG  
CTCCTTAGGCTGCAAGAATTGACTGACAGAAATGTGACTGTTATCTTTCTCAGTGAGATTATTTGGGAAA  
AATTCGTCCAAATACTGGATGCTTTGAGCCATTTGTCTTATATTTCCCTGACTATAGCATAGGAAACCT  
TCAAAAGATCCTGTCCCATGATCATCCTCCAGAGTATTCAGCGGATTTTTACGCTGCCTACATTAACATT  
CTCCTTGGAGTTTTCTACACTGTCTGTCTGGGATCTGAAAGAAGTCTGAAAGAAGTCTGAAAGAAGTCTG  
CCAAATACTGTGAACCTGTAGTTAAAGGAGAAGCAGGTGAACGTGATACTCGCAAACCTGTGGAGAAATAT  
TGAACCTCACCTGAAGAAGGCAATGCAGACTGTGTATCTCAGGGAGATCTCAAGTTCCCAGTGGGAAAAG  
TTACAGAAAGATAACACAGACCCAGGACAAGTAAAGGCTCTCTCGGCGTACACCCACATGGAACCTCCAT  
ATTACTCCAAGTTTATTCTTATTGCTGCATACCTGCCTCTTATAACCCAGCGAGAAGTATAAGAGGTT  
CTTCCTTAAGCATCATGGGAAAATCAAGAAGACTAAGTTCTAAAGAAGCATGAGAAGACAAGCAATCAT  
CTTCTTGGACCAAAGCCCTTTCCACTGGACAGATTATTAGCAATATTGTATAGTATAGTGGACAGCAGAG  
TGGCTCCAACAGCAAATATCTTCTCCAGATTACCTCCCTAGTGACTCTACAGCTGTTAACCATAGTTGG  
TCATGAAGATCACTTAATGGGCCAAAATACAAATGCACAGTTTCTCTAGATTTTCATCAGAGCTATTGCA  
CGGATGGTGAACCTTTGACATAATAAAATACTTGTATGATTCTTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_011959
<b>Insert Size:</b>	1308 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011959.2</a> , <a href="#">NP_036089.1</a>
<b>RefSeq Size:</b>	2059 bp
<b>RefSeq ORF:</b>	1308 bp
<b>Locus ID:</b>	26429
<b>UniProt ID:</b>	<a href="#">Q9WUV0</a>
<b>Cytogenetics:</b>	5 A3
<b>Gene Summary:</b>	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]