

Product datasheet for **RN206095**

Orc4 (NM_199092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Orc4 (NM_199092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Orc4
Synonyms:	Orc4l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206095 representing NM_199092 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCAATCGTAAAAGCAAGAATAACATACATGCAGAGTGTCTTCCAGGTACAAGAATTTACGTG
AAAGGTTTTGTCATCACTCCTCATAGCAACCTATTTGGAGTCAAGTACAATACAAGCATTAAATTGA
GCTACTCAAAGAAGTCTATCTATGGAGAAAGTAATTCTTTACTCATTGTTGGACCACGAGGATCAGGA
AAGACCAGTTATTAATCATGCCTTGAAGAGCTCATGCAAATAGGAGACATGAGTGAAAATGTGTAC
AAGTTCACCTAAATGGACTGCTACAGACAAATGATAAAATGCTCTGAAAGAGATCACAAGACAATTA
TCTAGAAAATGTAGTTGGAGATAAAGTTTTTGGAAAGCTTTGCTGAAAACCTTTTCGTTTCTCTGGAAGCT
TTGAGAAAAGGTAACCGGACTAGCAGTTGCCAGTGATCTTCATACTGGATGAATTTGATCTTTTTGCTC
ATCAGAAAAACCAACACTCCTTTATAATCTTTTTGACATTTCTCAATCTGCACAGACACCAATAGCAGT
TATTGGCCTTACATGTAGACTGGATATTTTGGAACTCTTAGAAAAGAGAGTGAAGTCACGATTTTCTCAC
CGGCAGATACATTTAATGAATTCATTTGATTTTCCGCAATATTTGAAAATATTTAAAGAACAATTAATCTC
TACCTGCAGAATCCAGATAAGATTTTTGCTGAGAAATGGAATGAGAATGCTCATTGTCTCCGAAGA
TTCAACTGTGCTTGAAGTTCTACAGAAGCATTTCATGTCAACAAAAACTTGAATCATTACATATGCTA
TTGATGCTTGCTTTAAATCGAGTAACCGTGACACACCCATTTATGACCTCAGCAGATCTGATGGAGGCGC
AGCACTTGTGTAGCTTGGATGCCAAAGCGAGTATTGTACATGGTCTGTCAGTCTTGGAAATCTGTCTTAT
AATAGCAATGAAACATTTAAATGACATATATGAAGAGGAGCCCTTAATTTTCAAATGGTGTATAATGAA
TTTCAGAAATTCATTCAAAGAAAGGCCATTCTGTTTATAACTTTGAGAAAACCTGTGGTCATGAAGGCAT
TTGAGCACTTACAACAATTGGAATTAATAAAACCCATGGAAGAACCTCAGTCAATCTCAGAGAGAATA
CCAGCTAGTCAAACACTTTTGGATAATACTCAGATTATGAATGCCCTACAGAAAATACTCCAACCTGCCCT
ACAGATGTCAGGCAGTGGCAACATCCTCGCTCAGCTGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199092
Insert Size:	1305 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_199092.1</u> , <u>NP_954523.1</u>
RefSeq Size:	1755 bp
RefSeq ORF:	1305 bp
Locus ID:	295596
UniProt ID:	<u>Q6P9Z8</u>
Cytogenetics:	3q12
Gene Summary:	mouse homolog plays a role in initiation of DNA replication [RGD, Feb 2006]