

Product datasheet for **RN206012**

Morc2 (NM_001106016) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Morc2 (NM_001106016) Rat Untagged Clone
Tag: Tag Free
Symbol: Morc2
Synonyms: Morc2a; Zcwcc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206012 representing NM_001106016
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCAAGAGAGGGCGGAAGACCTTCGAGGAGGATTTATGCTTTGCTTTTTGGATGATGGAGCAGGAATGG
ATCCGAGTGATGCTAGTGTGATCCAGTTTGGGAAGTCAGCCAAAAGAAGCTCCCGAGTCCACCCAAAT
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TTGTCCATTGCCTACCTGGAATGCTCGAACACGGGAACCTATCACAGACAATGTGGAGAAGTTGCCAT
TGAGACAGAACTTGTGTACAAGTACTCCCCCTCCACACTGAGGAGCAAGTATGAACCAGTTTATGAAG
ATTCGGGGGAATAGTGGAACTGGTGATCATCTTTAATCTCAAGCTTATGGATAATGGAGAGCCAGAAC
TAGACATAATCTCAAATCCAAAAGATATCCAGATGGCAGAAACCTCCCAGAGGGCACGAAACCAGAGCG
ACGCTCCTCCGAGCCTATGCTGCTGACTTTAATTGACCCCGGATGAGGATCTTCATCCATGGACAC
AAGGTGCAGACCAAGAGACTCTCCTGCTGCCTGTATAAGCCAGGATGTACAAGTATACATCAAGTCGTT
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CGCATAACAAGCAGGACTTTGCTGATGCCAAGGAGTACCGGCACCTGCTGCGAGCAATGGGGAGCACTT
GGCACAGTACTGGAAGGACATCGCCATCGCCAGCGTGGGATCATCAAGTTTTGGGATGAATTTGGCTAT
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CAACCACCATCCAGTGTGATTTGTGTTGAAATGGAGGACTCTTCCCTCCAGCTGAGTTAGTAGAAAA
AGATTACCTGATACTTGGGTTTGTCCATGAACCCTGATCCTGAGCAGGACCGCTGTGAAGCTTCTGAA
CAGAAGCAAAGGTTCCCTTGGGGACATTAATAAAGGACCCAAAGTCCCAGGAAGAAAAGCAGAAGCAGC



TGACAGAGAAAATTCGCCAGCAGCAGGAAAAGCTAGAAGCTCTTCAGAAAACCACGCCCATCCGCTCACA
 AGCTGACCTGAAGAACTGCCCTTAGAAGTGACTACAAGACCTTCTACTGAAGAAGCTGTACGGAGACCT
 CAGCGTCTCGGTACCTCCTTTACCTGCAGTGATCAAGAATGCTCTAGCAGACCCCTTCTATTGAGA
 CTCCCAGACCAGTACCCAGCTCCGAAAGAGCTGTGTTATCAGCTCTCCAAAACCACTGCTACAGCAGC
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 ATCAAGACCGTACCCCGACCCACCCCTACTGTCCAGACTCCCTCACCATCTCTAATCCCCAATCCAAGA
 ACCTCCGGGAGGTCCTGCTCAAAAAGCCATCAAACTCCAATGGTCAAGAAGCCGGAGCCGCTGCTAA
 ACAGTCCATGGCATCCTCAGGTCGGAAGCGGAGTCTCGTAGTCTCAGATGAGGAAGAGGCTGAAGAAGAA
 GCTGAGAAGAGGAAAGAGAGATGCAAGCGGGGCAAACCTTGTGTGAAGGAGGAGAAGAAGGAGGCAAACG
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 TGTAGAGGTCCGTGTGAACCGGAGTGGTATACAGGCCGTGTACAGCTGTGGAGATGGGCAAGAATGTG
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 GCAGTGAAGATGTACGACTGATGAAGCCACCTTCCCAGAGCATCAGAGCCCTGACACGCAGCAAGAAGG
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 CTTCCATTGAGCCTGACACCACTGCCACCACTACCAGCCATGAGACTATTGACCTCCTTGTCCAGATTC
 TTCGGAATTGCCTGCGGTACTTCTTGCCTCCAAGTTTCCCGATCTCCAAGAGGAGCTGAGTGTTATGAA
 CTCAGAAGAACTAATATCCTTCTCTGAAAGAATACTTCAAGCAGTATGAGGTAGGGCTCCAGAATCTG
 TGCCATTCTACCAGAGCCGTGCTGATTCACGGGCAAAAGCCTCCGAGGAGAGCCTACGCACATCGGAGA
 AAAAGTTCGTGAGACAGAGGAGAAGTTACAGAAGTTGAGGACCAACATTGTAGCTCTCCTGCAAAAAGT
 GCAGGAGGACATAGACATCAACACAGATGATGAGCTGGATGCCTACATTGAAGACCTCATACCAAAGGG
 GACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001106016
- Insert Size:** 2946 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:**
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_001106016.1, NP_001099486.1
- RefSeq Size:** 4289 bp
- RefSeq ORF:** 2946 bp
- Locus ID:** 289736

Cytogenetics: 14q21