

Product datasheet for **RN205790**

Morc3 (NM_001107109) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Morc3 (NM_001107109) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Morc3
Synonyms:	Zcwcc3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205790 representing NM_001107109
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGATCATCATACTGGACAGAAAGTGAAGACACAGCTGGTTTCAAAAAGCCTTGCCTATATTGAAC
 GTGATGTTTACCGACCTAAGTTTTTAACTAAAACAGTAAGAATTACTTTTGGATTCAACTGCAGAAATAA
 AGATCACTATGGGATAATGATGTATCACAAAATAGACTCATCAAGGCTTATGAAAAAGTAGGATGCCAG
 TAAAGGCAAACAACATGGGTGTTGGAGTGGTTGGAGTTATAGAATGTAATTTCCCTTAAGCCGACTCATA
 ATAAGCAAGATTTTGACTACACTAATGAGTACAGGCTTACAATACTAGCACTAGGAGAAAAGCTGAATGA
 TTATTGGAATGAAATGAAAGTAAAAAGAATTCAGAGTACCCTCTAAACTTGCCCGTTGAAGACATACAG
 AAGCGTCTGATCAGACATGGGTCAATGTGACGCTTGTCTAAAGTGGCGAAAAGTTACCAGACGGGATAG
 ACCAACTTCCAGAAAAATGGTATTGCTCCAATAACCCTGACCCACAGTTCAGAAAATGTGAAGTTCCAGA
 AGAACCTGAAGATGAGGATTTGGTACATCTACTTATGAGAAAACCTACAAAAAGACCAGCAAGGAGAAA
 TTCAGGATCAGACAACCGGAAATGCTCCCTCGAATACTCCCTCGGATTAATCATGAGATAGTGTATCAGA
 CAAGTGTTTCAAGTCCAAGCTTCTCCCCGTGAAGGAAAGTGTCCAAGACCACATATTTCTGAAGTCGC
 GAGTCCCTTTCAGCAAGGATCATAAATAACCACCTTGTTCAGCCCAGCCTGAGCCTGAGAGCAACAGC
 TTGAAGCGGAGGCTTAGTGTTCGTTCAATTCTGAATGCAAAGACTCGGAGATTAAGCAATCCTCCAA
 TTGAAAATTCATCTTACAAAAATGATGATGATGAAGATGTCATCATTTTGGAAAGAAAATAGCACCCCAA
 ACCTGCAGTGGATCTTGACGTTAGATCAGATATTGAAGTTAAGTCAGAGCAGAGCCACGCTGAGCAGACT
 GGCATTGAGGTTGAAGTGTAAAGCAGTCCCTCAGCCTGGTGTCCAGGCCAGTTCACAAGCACCCGCCACT
 CTAGGTGTGACCAGGGCACTGCCGCTCCACTCAGACAGAAGCACCCAGGCTGATGGTAAAAAGGAAGA
 AAGTATGGAGGAGACATGGATGTGAGGAACGGCAGAGCTGCCCTGTCTGTGTCAGTGTGCTGAAGTGAAA
 GTGCAGGAGACCTCGGCTGAGTCAGCAGATGCTGCTGGGCATCAGTTACAAGAACTGAGAAGTGAAGTGC
 TTTTAGTCACACAAGAAAGAGATGATTACAAGAGAAAAGTGTGAGGTGTTTGTGACCAGATACAAGTGT
 GCAGCGAAGACTGTTGGAGATGAACGACCAATGCGTGAAGAAGGAGATGTGCCACCAGTCTACTGAGATG
 GACGCAGTGTCTGCTCGGAAGTGTAAATGGTCAGTCTGAAAGCCAGGCCACGTGGGGTCTCAGTATC
 AGCAAGCACTGGAGGAAATAGAAAGGCTGAAGAAACAGTGCAGCGCTCTGCAGCAGTGAAGGGTGAAGT
 CAGCCAGTCTTCTGCACTGAGAGCAAAAGCGAGATGGACGAGATGGCCGTGCAACTCGACGACGTGTT
 CGGCAGCTGGACAAGTGCATTTGAGAGGGACCAGTACAGGAGCGAGGTTTCAAGTACTGAAATGGAGA
 AATCACATATGCATTCTCGGTGTGAAGAGCTCAAGACTGAAGTTGAACAGTTGAAGTCTACAAGTCAACA
 GGCAGGAGCAGATGTTTCAACTCAAGCAGTGTGAGGAAGCTGTGAGTTATGTGGATGGTAAAGCCTC
 AAATTCGTTCTCTCGTGTCAACGTAGGACAGCTGCTGGCTATGATTGTGCCTGATCTGGATCTTCAGC
 AAGTCAATTATGACGTGGATGTAGTGGATGAGATTCTAGGACAAGTGGTTGAACAAATGAGTGAAGTCA
 CAGCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107109
Insert Size: 2040 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_001107109.1, NP_001100579.1</u>
RefSeq Size:	3847 bp
RefSeq ORF:	2040 bp
Locus ID:	304074
Cytogenetics:	11q11