

Product datasheet for **MC206795**

Morc1 (BC030893) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Morc1 (BC030893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Morc1
Synonyms:	Morc
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030893
TCTAGATCGCGATCTAGAACGTCTTCTGTTGTCCGCAGGTGGTGCCTGAAGACATGGACAAATATGCCTT
GCTGCAGAGGGCTAAACTGCATCTGGATTTTCATCCACGCGAATTCACAAACACACAGTTTCTCTTTGGA
GCACTGGCTGAGTTGCTGGACAACGCAAGAGATGCCGGGGCTGTAAGACTCGATGTGTTTTCACTGGATA
ATGAAACACTGCAGGGAGGATTCATGTTGTGTTTCTGGATGATGGATGTGGCATGAGCCTGATGAAGC
TTCAGACGTAATTTACTTTGGAACATCCAAGAACGCTTGTGACCTTGAAGTTTCATCGGCAATATGGT
AACGGGCTTAAGAGCGGCTCCATGAGAATCGGCAAGACTGTATTCTTTTCAAAAGAAGGAAGAGACCA
TGACCTGTCTGTTCTTCTCAGACTTTCTGTGAAAAAGAGGTCTCACTGAGGTTGTAGTTCCAATACC
TTCATGGCTAACGAGAACCAGAGAGAGTATCACAGATGACCCGCGAGAAGTTCTTACAGAATTGTCCATC
ATTTTCAAGTACTCCCCATTTAAGACCGAAGCTGAATTGATGCAGCAGTTTGATATGATCTACGGGAGAT
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CGACAAAGAAGATATACTGATGGCCGAGGCTCCGGAGGAAATTCAGAGAGACGGTCATTAGAGCCTAC
ACAGCTGTTCTGTATTTTGAACCCCGATGAAAATATTTATTCAGGCCAAAAGAGTTCAAACAAAGCATC
TGTGTTATTCCTCTACAAACCCAGAAAATACCAATATACTACATCTTCTTTCAAAGGGAAGTTTAAAC
TGAAGTTCAAAGGCAGAGAAGCAGTAAGAGGGCTGAAGTCTGTTTAAAGAGGTGCAAGCCAAAGTA
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CTCTTCCAATTACCAGGAAAAAGGATTACCTGACCTATGGATTTGTGCCAGTAATCCCAACACCTGGAA
AACAGCTGTAACCAGATAGAGCGCTGCCTTCTATCCCACTGGGCACCGTGAACAGAAGACCACCATCAA
AAGATGAGAGAGAGAGGCAACTTCAAGAGTCAGTCCAGAGATATCAGGACAAGCTGGTGGAGCGCAGCC
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CTGCATGACGAAGATTCCGAAGAAGTCTGTGAAGAAGACCGTGAAGTACCTGCAGCCTGGTCACGCTCCA
GCTCTATTGGAAAACCTCAAACCTCGAGGACACAGCCAGGTTTCTTACGGGAAATAAAAAGCAGCAGA
GTGAGAGCCTCGTGCAGGCAGGCAAGGCATCCACTGACGTGGCTAGCAGCAGAGATCCAAGTGTGACCAT
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CTGTCACTGCCGGCTTACCAATGCCTTCTCAAAGCATGTCTGTGGAAGAAACAGCAAGAAAATGCTG
TCTAACTTAAGGGAATCTTCTATACTTTGTTCCCGAGTTTCAGCTATCATCAGAAATTTGAGTGCACAT
CTGTGGAAGAATCATAACAAATCCTGAGCTGGAGCGATGCCAGAGAATATAACGAAAAGCTAAAAAC
GTGTTTCAACCAGATCCAGAATATCTACATGGCTCAGTATGAGAAAAGACTCAAGAGGAAAATGCAGTCC
ATTGCTATGAGGCAACAGAAAGGGGCTTACTCAACCAAGTGTTTCTGGGACAGTGTGAAGTGAAGGA
AGAGGACTGAGGAGAACTCAGTGACCTTCGTGCAAGCTGGCCTTGTGCTGCAGAAACTTCACTGGG
TGGTCCAGCAGGAGACCCGAGCAGATTGATGCTTACTTAGAAGATTTGCTTAAAGAAGATCGGCTCCCG
ACCGCTTTACATGAAAAGTCTCCAGAGTCAGCGTAAGCAAAAGATACAGAACCTGAGAGGGTATCTCAG
AAGTCAGAAAAGATGTTTTTCTTAAACCACTAATAAGAAAAGTGGAAAATCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC030893
Insert Size: 2853 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC030893</u> , <u>AAH30893</u>
RefSeq Size:	3009 bp
RefSeq ORF:	2853 bp
Locus ID:	17450
Cytogenetics:	16 30.75 cM
Gene Summary:	Required for spermatogenesis.[UniProtKB/Swiss-Prot Function]