

Product datasheet for **RN216410**

Marc1 (NM_001100811) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Marc1 (NM_001100811) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Marc1
Synonyms:	Mosc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216410 representing NM_001100811 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAGTGCCCGCACCTGGGCGCTGGCCCTCCTCGGCTTCTCTGCGACCCGGGTGTCCCGGCAGCCAGGGT
 CCACCTGGGTCTGTGTCGCCGCTGGGACTGGCCGCGGTGACGCTGGGACCGTGGCCTGGCGTCGCGC
 GCGTCCCCGGCGCGCCGGCGGTGCAGCAAGTGGGAACGGTGGCACAACCTCTGGATCTACCCGATCAAG
 TCCTGCAAGGGGGTGTGGTGACCGAGGCGGAGTGCACCTGCCATGGGGCTGCGCTGCGGCCACCTGCGCG
 ACAGGTTTTGGCTCGTGGTCAATGAAGAGGGGAACATGGTCACTGCCCGCAGGAACCTCGATTGGTCCA
 GATTTCTCTGACCTGTGAGGACGACAACCTGACACTCAGTGCAGCCTACACAAAGGACCTGCTGCTGCCT
 ATCACACCGCCTGCCACAACCCCTTCTCCAGTGCAGAGTGCATGGCCTGGAGGTGCAGGCGAGGATT
 GTGGCGAGGATGCTGCTCAGTGGATCAGCGGCTTCTTGAAGACGACGCGCTGTCGCTGGTGCACCTCGA
 GCGCCACATGCACCCAGGAGTTCTCAGAAAATGAGGGCTTCATTCCGGCCACGACGAGGTGGCTAT
 GCAGATGCAAGTCCATTCTTGGTCTCTCTGAGGCGTCTTGAAGACCTCAACTCTAGGCTGGAGAGAA
 GAGTGAAAGCAGCGAAGTTCAGGCCTAACATCGTCATCTCAGGATGTGGCATCTATGCTGAGGATTCTTG
 GAACGAGGTTCTCATTGGAGACGTGGAAGTGAACGGGTGATGCCTTGACCCGGTGCCCTTTAACCAACG
 GTGGATCCGACACTGGCATCATGGACAAAAGGAGCCTCTGGAACACTGAAGAGTTACCGCCTGTGTG
 AACCTTCGGAGCAAGCGCTGTGTGAAAAGTTACCCACCTTCGGACAATATTTTGCTCTGGAATCCAGG
 GACAATCAAAGTGGGAGACCCTGTGTACCTTCTGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001100811
Insert Size:	1020 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001100811.1, NP_001094281.1</u>
RefSeq Size:	1966 bp
RefSeq ORF:	1020 bp
Locus ID:	690745
Cytogenetics:	13q26