

Product datasheet for **RN201595**

Mcm10 (NM_001107366) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcm10 (NM_001107366) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mcm10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN201595 representing NM_001107366
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGTGGAGGAAGACGACTTGTGTGTACTGACATCTCTGCTGGAGGAGAACGAGGCAGCAGCCGTGC
 CCTGTGGCTCGGAGGAGAATGAGAAGTCCCTCGTCTCTGGAGGAAGGTGACCCTGATGAATTCGATGAGCT
 TTTTGATGCTGACGGCGATGGTGAATCTTACACAGAAGAGGCCGACAGTGGGGAAGAGGAAAGACCAGG
 GACCAGGAGGAACGGTTGGCCACTCTCTTTGGTGTGTGGAGGACCTAACAGATGATGAAGTTCTACAT
 CGCAAGTTGAAGACAGCAGTGTCCCCCTGCTCTGTCGAGCCGAGAGAAAACCAATCAGGAGTTGCA
 AGATGAATTGAAGAAGTTGCAAGAGCAGATGAAATCCTTACAGGAGCAGCTCAAAGCTGCATCACTTCAA
 CAGCCTCAAAGTTCAGCCCTTTGCACGAACCACCTGGTGCATCTCTGCGGCCCCACCTCAGGAGAAGA
 AAGTTAGGAGAATTCAGGAGTCGGTGTGCTTTTCTGCAGAGCTTGTGTCCTGCCTTACCCAGAGCCAA
 GCGGGTGGCTCGAGTGCCAAAGACTCCTGCAGAGTCATCTTCAAGGACAAGTGCACCCTCACAACCACTG
 CGGGTTATTTCCAGTTTCTTAGAGCCTAAAAGCTCCTCGGCTAGGTCAACAAGCATAACCCTCACCTCAAG
 CTGTTCTGGAACAAATGCAGTGGGATGACTAAAAATCAAAGCAAGGCAACCCCGGGAATCCTGGGGA
 GCCGTCCCGCAGGTTCCCGAGGCTCTGTGGAAGCTTTCTCAGGCCACGCCTCAGGCGGCTCGAGTC
 TCCTCCACAGAGATGAACAGGAAGATGACAGGTCGGAACTGATCAGACTGTCTCAGATCAAGGAGAAGA
 TGGCGACGGAGAACCTGGAAGAGACAGATTGGGTGACATTTGGGGTTATCCTGAGGAAGGTCACGCCACA
 GAGCGTAACAGTGGGAAAACGTTTAGCATCTGGAACGTAACGACCTTCGTGACCTGACCAATGTGTG
 TCCTTGTTCTGTTTGGAGATGTTACAAAAGCTCTGGAAGACAGAGCAAGGGACTGTCATAGGGTTGC
 TCAACGCAAATCCCATGAAGCCCAAAGAAGGCTTGACGGAGGTGTGCTTATCTATCGATCATCTCAAAA
 AGTCTTAATTATGGGAGAAGCTATGGATCTGGGACCTGTAAAGCCAAGAAGAAGAATGGAGAGCCGTGC
 ACACAGACAGTCAACTTGCATGACTGTGAGTACTGCCAGTATCATATCCAGGCCAGTACAAGAAGCTTA
 GTGCAAAGCGGTCCGATCTGCAGTCCACTTTCTCCGGGGACGGATTCCCAAGAAGTTCGCAGAGGCAC
 CAGCCTGAAGGAGCGGCTGTGTCAAGATGGTTTCTACTACGGCGGGTTTCTTCAAGATCCTTCGCAGCC
 TCCATGGCGCAGCCATTGCTCCTAAGAAGAAGGTTCAAACCACGCTGACCAATCTGTTGTGAGGGGCA
 CACGCTCAGTCAACAGGAAACAAAACAGAAGCTGGGAATCCCGAGAAGAGCTGTCTTGTCTCAGAGGA
 GTTCAGGGAATTGATGGCCCTGCCACATTTGGAGCCAGAACTTACAAAAGCATTTAGCCAGAGCCAAAG
 TCCTCAGGAGGCCCAAACCTGCCATCCAGTCCATCTCAGCATCGGCCCTTTGAAGCAGCAGAAACACC
 AGATGCTGGAATGCGGAAGAGGAAATCAGAAGAAATACAGAAACGGTTCCTCCAGTCTCAAGTGAAGT
 CCAAGAGCGCAGCAGTCCGCTCCTCTCGACAGCCTGCTGCCAGTCCCTCGAACTGGGGCTGAGTTC
 CCCAGGTTGGAAGGAACGGAGGCCCGTGGACGCCAAGCTGGGCAGAGGCATCTCAGATGGGGACGACG
 TTCTCTTCTTTGATGAATCACACCACCAAAAACCAAAGCTGAGCGCAGCAGCAGAAGCTAAAAAGTTAGC
 TGCTATTTCAAATTTGAGGGCAAAGGCCAGATTCTTACAAAAGTAGATCCAAACAATATTGTAAGGAGG
 CAAATGGACCCCGAGATGTGCTGGCGTGAAGGAGCGTGCAGAGAACAGCAACACGGTTTCTCCTGAAG
 ATGAACGGAGCCCGCCAGGAAGAAAAGGAGAGAGCAGCTTGCCTACTTAGAGTCGGAGGAATTTAGAA
 AATCCTAAAAGCAAAGTCCAAGCACACAGACGCTCCTGAAAGAGGCCGAGGCTGAGCTACAGAAATCCTAT
 TTTGATCCAATGGTGAAAAAAGAACAGATGGAAGAAAAGATGAGAGCCGTCGCGAAGTGAAGTCCCGG
 TGGTGACGTGCAGGAAGTGTGCCTACACCCACTTCAAGCCTCTGGAGACCTGTGTGAGTGAACAGCATAA
 CCTCCACTGGCATGATGGTGTGAAAAGGTTTTTCAAATGTCTTGTGAAAACAGGACTATCTCCCTGGAC
 AAGCTCCCAAACAAGCACTGCCGTAAGTGTGGCTCTACAAGTGGGAACGGGATGGAATGCTAAAGGAGA
 AGACTGGTCCAAAGATCGGAGGAGAAACCTGCTGCCACGAGGGGAAGAGCACGCTAAGTTTCTCAACAG
 CCTTAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001107366

Insert Size:	2670 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_001107366.1</u> , <u>NP_001100836.1</u>
RefSeq Size:	3945 bp
RefSeq ORF:	2670 bp
Locus ID:	307126
Cytogenetics:	17q12.3