

## Product datasheet for **SC203399**

### MCM5 (NM\_006739) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MCM5 (NM\_006739) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MCM5  
**Synonyms:** CDC46; MGORS8; P1-CDC46  
**ACCN:** NM\_006739  
**Insert Size:** 1206 bp  
**Insert Sequence:** >SC203399 3'UTR clone of NM\_006739  
The sequence shown below is from the reference sequence of NM\_006739. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCGCAAGGTTCTACCGCCTCAAGTGAAGTCGCGCCGCTCACTGGACTCATGGACTCGCCACGCC
TCGCCCTCCTGCCGCTGCCTGCCATTGACAATGTTGCTGGGACCTCTGCCTCCCACTGCAGCCCTCG
AACTTCCAGGCACCCTCTTTCTGCCCAAGGAAGGAGCTGTAGTGTCTGCTGCCTCTGGGCGCCC
GCCTCTAGCGCGTTCTGGGAAGTGTGCTTTTGGCATCCGTTAATAATAAAGCCACGGTGTGTTAGGT
ATCTGTGGGTTTGTGCACTCGGTGACCTGTACCTCCATCGTGCCTCATGGCAGGGTAAGTGTGAGGG
AACAGGTCTGGAGGCAGACTGGCCAGGGTTTCTGACTTGGATCTGCCACTCAGACTTCTGGGTAAGTC
ACGTGACTTGAGTGTCCGGTTTCTTCTGTTTAGCGGGGCTCATAAAGCCACTCCCTTGATGCTGG
GAATCCAGTGAGACCAGGAGTGGGAAGCGCTTCTCAAAGTGTGTGATTTTGATCCGCCTCACCTGTT
CCCCAGTAACTTATTGGGGGCTGCGAGCCGTGGTGGCGGTCAGACTGCCTGGATTTCATGGACCCTC
TCCATGCCTTAGTTTCTTATCTGTAAGCAGGCTGATACTAGAACCTGCTTCACAGGGTTGTGCTTAGG
GTCAGTGAGCAGCTGTTAGTGAGGGGAATGTAGTGGCCACCAGGCAGGAAGTACTAGGACTCCAGCCAGTTC
TTTCTGTTGGCCACGTGTAAGTGTGGCCTTGGGCGAGACATTTCACTTTTCTGTGCCTGAGTTTA
TCAGTAACTGGAGATGGGGGATTCTCACCTGAGTTGTGAGGATTGAATGACAGAAGGCACTAGTG
ACAGTGATGCTGGAGGAAGGAGTGTGCAAGTGCCTCGGTCACTTTGCCTAATTTAGAAAAGTCACTC
TGAGTTGGTATGTTTTGTGTTTTAAAAAGCTAGGATTCATAAAATTAATAGAAATCAGTGAAATAA
AATATTTGATATTTAAAAATACATTTAGAAATACAAAGTGTCAAGCAAAACGTGAATTTGGAAATCTATG
GAACATTAGATAAGGTATTTAAAAAGTAATTGCCATGTAATAAATGACACGAAGTGAAGTAAAGTATTT
GATTTTTCTAAAAATACAAGAAAGCTTGGTGCA
ACGCGTAAAGCGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



[View online >](#)

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_006739.4</a>
<b>Summary:</b>	The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	4174
<b>MW:</b>	44.6