

Product datasheet for **SC330406**

MCM BP (MCMBP) (NM_001256379) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MCM BP (MCMBP) (NM_001256379) Human Untagged Clone
Tag: Tag Free
Symbol: MCM BP
Synonyms: C10orf119; MCM-BP
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330406 representing NM_001256379.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGACCTACAGCCCAATAAGCAGAAAGACCAACATGCAGGTGCCAGACAAGCAGGGAGTGTGGTGGT
CTTCAATGGTGTGGAGAGCCAAACGTTTAGAACTGAAGCTTCTACTGGGCAACAGCTGAACCTCTCG
AACTTGTCTTCTCCTTTTGATTTGAATTTCCATTGCCAGGAGAGAAGGGCCCTGCATGCCTTGTGAAG
GTTTATGAAGATTGGGATTGTTTCAAAGTAAATGACATTCTTGAGCTATATGGCATACTGTCTGTGGAT
CCTGTGCTGAGTATACTGAATAATGATGAAAGGGATGCCTCTGCACTGCTGGATCCGATGGAGTGCACA
GACACAGCAGAGGAGCAGAGAGTACACAGTCCTCCTGCTTCATTAGTGCCGAGAATTCATGTGATCTTA
GCCCAGAAAGTTGCAACACATCAACCCATTATTGCCTGCCTGCCTTAACAAAGAGGAGAGCAAAACCTTT
GTTTCAAGTTTCATGTCCGAATTGTCTCCAGTCAGAGCAGAACTTCTGGGTTTCTTACTCATGCCCTT
CTGGGGGATAGTTTGGCTGCTGAATACCTTATATTACATCTCATCTCCACAGTATATACAAGAAGAGAT
GTCCTTCCACTAGGAAAATTTACAGTTAACTTGAGTGGTTGCCACGGAATAGTACCTTCACAGAACAC
TTGTATCGAATTATTCAACATCTTGTCCAGCATCTTTTCGTCTGCAGATGACTATAGAGAACATGAAC
CATTTGAAATTCATTCCCACAAAGACTACACAGCCAATCGCTTGGTCAGTGGGCTCCTCCAGCTGCCC
AGCAATACTTCCCTTGTAAATCGATGAGACTCTCCTGGAACAGGGGAGCTGGATACCCAGGTGTTTAT
AATGTGACAGCCCTGAGCAACCTCATAACGTGGCAGAGGTGGATTATGACTTCAGCTACCATCAGATG
GAATTCCTCCCTGCAATATTAACGTTTTCTTACTTCGGAGGGGAGGTCACTCCTCCCGGCAGACTGCCAG
ATTCACCTTACAGCCCAGCTAATTCACCAAAACATGGAGGAGTACATGAACAGCCTTCTCTCAGCGGTG
CTGCCTTCCGTGCTGAACAAATTCGCTTTTATCTAACTCTTTTGAGATTCTTGAATATAGCATATCT
GATGAAATAACCAAGGCAGTTGAAGATGACTTTGTGGAATGCGGAAGAACGACCCTCAGAGCATCACT
GCTGATGATCTTCACCAGCTGCTCGTGGTGGCTCGGTGTCTGTCTCTCAGTGTGGTCAGACAACGCTG
TCAAGAGAACGATGGCTGAGAGCAAAGCAGCTAGAGTCTTTAAGAAGAACGAGGCTTCAGCAGCAAAAA
TGTGTGAATGGAATGAACCTTAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001256379
Insert Size: 1404 bp



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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.
RefSeq:	<u>NM_001256379.1</u>
RefSeq Size:	4102 bp
RefSeq ORF:	1404 bp
Locus ID:	79892
UniProt ID:	<u>Q9BTE3</u>
Cytogenetics:	10q26.11
MW:	52.7 kDa
Gene Summary:	This gene encodes a protein which is a component of the hexameric minichromosome maintenance (MCM) complex which regulates initiation and elongation of DNA. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012] Transcript Variant: This variant (3) differs in the 5' UTR and coding region, and uses a downstream start codon compared to variant 1. The resulting protein (isoform 3) is shorter and has a shorter N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.