

Product datasheet for **SC330405**

MCM BP (MCMBP) (NM_001256378) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MCM BP (MCMBP) (NM_001256378) Human Untagged Clone
Tag:	Tag Free
Symbol:	MCM BP
Synonyms:	C10orf119; MCM-BP
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330405 representing NM_001256378. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCGTGTGGGAGGATTGGCTCAGCCACCCGCTGGGAATCGTGCAGGGATTCTTCGCCCAAATGGA
GTAAATCCTGACTGGGAGAAGAAAGTAATTGAGTATTTTAAGGAAAAGCTGAAGGAAAATATGCTCCT
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GTGGAATGCGGAAGAACGACCTCAGAGCATCACTGCTGATGATCTTACCAGCTGCTCGTGGTGGCT
CGGTGCTGTCTCTCAGTGTGTCAGACAACGCTGTCAAGAGAACGATGGCTGAGAGCAAAAGCAGCTA
GAGTCTTTAAGAAGAACGAGGCTTCAGCAGCAAAAATGTGTGAATGGAATGAACTTAA

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001256378
Insert Size:	1923 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.
RefSeq:	NM_001256378.1
RefSeq Size:	4292 bp
RefSeq ORF:	1923 bp
Locus ID:	79892
UniProt ID:	Q9BTE3
Cytogenetics:	10q26.11
MW:	72.7 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 (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter 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.