

Product datasheet for **SC210041**

MCM8 (NM_182802) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MCM8
Synonyms:	C20orf154; dJ967N21.5; POF10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_182802
Insert Size:	2000 bp



Insert Sequence:

>SC210041 3'UTR clone of NM_182802

The sequence shown below is from the reference sequence of NM_182802. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCAAAAGTTTACCAGCTTCAAACATATGAAAAGGACTTCACCAAGTTAGGGCCTCCTGGGTTTATTGCA
GATTAAAGCCATCTCAGTGAAGATATGCGTGCACGCACAGACAGACACACACACACACACACACAC
CACACACACACACACACACACAGTCAAACTACTGTTCTTGAAAAATGATGTCCAAAAGTATTATAA
TAGGAAAAAGCATTAAATATAATAAACTAATTTAAGAAGTGATAAAGTCTCCAGATGCAGTAGCTCAC
ACTGTAATCACAGTGACTCAGGAGGCTGAGGTGAGAGGATTCTTGAGGCCAGGGTTGAGACCAACCT
TGGGCAACATAGCAAGACCCCATTTCTTAAAAAAAAAAAAAAAAAAATTTAACTTAGCTGGGTATGGTG
GCACATGCCTATAGTCTCAGCTACTGTGAGGCTGAGGCAGGAGGATTCTTTGAGCCAGGAGTTTGAG
GTTACAGTGAGCCACAATCACACCAATCACTGCACTCCAGCCTGGGCAATAAAGTAACTCTTGACTCAA
AAAAATAAAAAAATTGTAGTGGTAGCCATGTGTTAATTGTTAAATAAATTCTCCAAAGGGCTAAAGT
AAATTACTTATAAATTTTTATAGTTGATTTTTGACCTGCCTTTTATATGTATGAATATTTTCATAGTT
TTGCATATCAGATGTAGGCATACAGACAAATACATAAACCAATGAATATATTACATATTCTGTGTCCA
ATAAACTTTTATTTATGGACTAAATTTGAATTTTCAATAAATTTTCCCATGTCAAGAATACAAAATA
CTTGAGTTTTGTTTTAGCTATTTAATAATAGGTCTCATTTTATCCACAGGCTGTAGTTTGTAGTCTTG
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TGGACTAAGGAAGAAGCTGCTGACTCCACTGCCACACAGGGCACTGGAAGAAAGTCTGCTGCCTCC
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TCTGATTGAAAAAGGTATGTTATATGCCCTTTCATAGGCTGCTAGGGAGTTTTCTGTTTCTACTTT
CAGGTGGTGGGATCAATAAGACCAGAATTTCTCATATGTTGTGAGAGGATTCAAATGTTACAGGGTTGC
CAGCCAAACTATCAATCATGTATAAATCCAACAAACACTTTGTAACATACAAGAAGTCAAGGAAATGTGA
ACCATTTGTTGAGAATCTACTAAAATACGGCTTCCCGCAAACGAAGATGAATGGAAATGTAATAAAAA
AGAAGTGGCAGTGTATATCAGATGTTAACTATAGGACCAGAACTAAGATGTGGAGACTATTGCCATAG
ACCACAATGTAATTTTTAAGTGAGGAAGGAAAAATCAGGAATCAAAGGGGCCAGGTGCAGTGGCTCA
CATCTATAATCCCAGAGCTTTGGGAGTTCGAGGCAGGAGGATCACTTGAAGCCAGTTTTGAGACCAGCC
TATGCAACACATTGAGACCTATCTCTACAAAAATAGATTAGCTGGGCACGGTGGTGCATGCCTATTG
TCCTACCTACTGTGGAGGCTGAAGTAGGAAATCACTTGAGCCCGAGAGTTTGAGGTTACAGTGAGCTAT
GATTATACCACTGCACTCCAGCCTGGGCAAGAGAGCAAGACCTTGCTCTTAAAGAAAAAAAAAAAAA
TGGAGAAAGTAGATAGTATATAATATAGTGAAGTCTTTAAAGCTAGGAGTTAAAGATATTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

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).

Components:

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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_182802.3

Summary: The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the mini-chromosome maintenance proteins is a key component of the pre-replication complex and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein contains the central domain that is conserved among the mini-chromosome maintenance proteins. The encoded protein may interact with other mini-chromosome maintenance proteins and play a role in DNA replication. This gene may be associated with length of reproductive lifespan and menopause. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2013]

Locus ID: 84515

MW: 77.4