

Product datasheet for RN202258

Mcm3ap (NM_001106382) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcm3ap (NM_001106382) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mcm3ap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202258 representing NM_001106382 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGAACCCTGTGAACCCCTTCAGTGGGCAGCAGCCCGCGCCTTTGCGGTGTCTTCTAGTGCCACGGGAA
CATTTCAGACTAAGTCACCATTCCGATTTGGCCAGCCTTCCCTTTTTGGACAGAACCAACCAAGCCAGCAA
GAGCCTGGGATTTTCACAGGTACCGAGCTTTGCAACACCTCTGGTGGAAGCCATTCTTCTCTTTGCCA
GCCTTTGGACTTACCCAAACCTCAAGTGTGGGACTTTTCTCTGGTCTGGAATCCACACCTTCTTTTGCGAG
CTACTTCTGGCCTTCAAGTTCATCTGTGCCCGAAAATACAGCATTACGCTTCAAGTCAGCCTCCAGTGT
TGGGGTTTTCTCGAGTGGCCCTACTTTCCGGCCAGAACTGGAGACGTAGCAGGTTCTGGTTTTAGGAAAG
ACGGAGTTCAAGTTTAAACCTCTGGAAAATGCAGTCTTCAAACCCATACTGGGGCCGAGTCAGAGCCGG
AGAAAACCCAGAGCCAGATTGCTTCTGGGTTTTTACATTTTCTCACCTGTTAGTAGGGTCTGGGGG
CCTCACCCCTTTTCTTCCCGCAGGTGACAAACAGCTCAGCAACTAGTTCAAGTTTTATCTTTTCGAAA
CCAGTTACTAGTAATACGTCTGCCTTCGCCCTGCTTTGTCTAACCAAAATAGAGGAAGAGAAGAGGG
GACCCAAGTCAGTGTGGGGGCTTGAATAGTAGCTTCACTTCCCATGGCGTCACCTGGATCTTT
GGGGGAGCCCTCCCGACCAACAAAACAAGCATCCGCCAAGGAGGTGAGGAAGCCATCTCCAGGTGGAG
TCACATCTGCCCTCATGAAGGATTAAGAGGAAAGAGGACCAGGATCGCTCCCAAGAAGACATTGCC
ACGAGGCAGCAGAAGACTCGGACCCCTGTCCAGGGGTGACCATCCCCAGATAAACGGCCAGTCCGCCCT
GAATAGACCCCGGGGAGGCACTCTGTTTGGTCCGACGATACAAGAGGTCTTCAAAGCAATAAAGAAGCA
GGCCGTCTGGGCAGCAAGGAATCCAAAAGGACAGTGGCTTTGTGGAATCTGGGAAAGTGACCAGTGG
CCATCCCAGGAGGGAGTCAGTCCACCCTGGTAACCTTCCCGGCTTCCAGCTGTGAATAAAGAGGAAGAAAC
AGAAGGTAGAGATGAAAAAGAAGATTCTCTCCGGGAACGTCTGTGCGGCAAAAGTAAAAGAAGCGAGAGC
ACAGACAGCCTGGGGGCATGTCGTCTTTAGAGCTCACGGCCATCCAGTGAAGAATCCCCGACTACC
TCAACGACAGAGCCATCCTGGAGAAACACTTCAAGATCGCTAAGGTTTCAAGGTTTCAAGGTTTCAAGG
CAGCAAGAAGCTCGCCGTGATTCATTTTTTGTATCATGCATCTGCAGCCCTGGCTCGGAAGAAAGGAAAA
GGTCTGCATAAAGGACATGGCTATCTTTTGGCACAAAGAAGAAAATAAGTCCAGCAAAAAACCCCTTTCCC
TGAAGGAGAAGCAGCTTGGTGAAGTGAAGCCAGCAAGGCATAGAGGACTCTCCCTTTCAGCACTCCCC



[View online »](#)

TCTCGGCAAGCCCATCGTGAGGCCTGCCACCGGCAGCCTCCTGAACAAAAGCTCTCCAGTGAAGAAGCCC
 GGTCTTCTGAAGATCCACCAGTTCGAGGCAGATCCTTTTGACTCTGGATCTGAGGGCTCCGAGGGCCTTG
 GTTCTTGTGTGCATCTCTTAGCACCTGATTGGGACTGTGGCTGACACATCTGAAGAGAAGTACCGCCCT
 TCTGGATCAGAGAGACCCGATCATGCGGCAAGCTCGGGTGAAGAGGACAGACCTGGACAAAGCAAGGGCG
 TTCGTGGGACGTGCCCTGACATGTGTCTGAGAAGGAGCGGTACCTGCGGGAGACCCGGAGCCAGCTGA
 GCGTGTTTGAAGTTGTCCAGGGACTGACCAGGTGGACCATGCAGCAGCCGTGAAGGAGTACAGCCGGTC
 CTCTGCGGATCAGGAGGAGCCCTGCCACATGAGCTGAGACCCTCAGCAGTTCTCAGCAGGACCATGGAC
 TACCTAGTGACCCAGATCATGGATCAAAAAGGAAGGCAGCCTTCGGGACTGGTATGACTTCGTGTGGAACC
 GCACACGGGGTATACGGAAGGACATCACACAGCAGCACCTCTGCGATCCCCTGACGGTGTCTCTGATCGA
 GAAGTGTACCCGATTTACATCCATTGTGCCACTTTATGTGTGAGGAACCTATGCTCCTCTTCGATGCC
 AAGATCAACAACGAGAATATGACCAAAATGTCTACAGAGTCTGAAGGAGATGTACCAGGACCTGAGGAACA
 AGGGGGTTTTTTGTGCCAGCGAAGCAGAGTTCAGGGCTACAATGTCTGCTCAATCTTAACAAAGGTGA
 CATTTTGAGAGAGGTGCAGCAGTTCACCCTGATGTTAGGAACTCCCGGAGGTGGACTTCGCTGCCAG
 GCTTTTGTGCTATTGAACAGCAATAATTCGTGAGATTCTCAAACCTGGTGCAGTCAGCTTCTTACCTTA
 ATGCGTGCCTGTTGCACTGTTACTTTAACAGATCCGTAAGGATGCCCTCCGGGCACTCAATGTGGCATA
 CACTGTAAGCACACAGCGCTCTACCGTCTTCCCTCGGATGGTGTGTCGTCGCATGCTGCTGTTCCGAGAT
 TGTGAAGAGGCGACCAGCTTCTCAATTACCATGGCCTCACTGTGGCTGATGGCTGTGTTGAGCTGAACC
 GGTCCGCAATCTTGAACCCGAGGGACTATACAAGGCCAGGAAGTCAAGTGTGTTATTGGCCGGAAGCTGAC
 AGTGTCAAGTGGAGAAGTGTGAATGGAGGGCCACTGCCCTCTGTTCTCGACACACACCTGTGTGCAGC
 TTTAACTCCCAGAATAAGTATGTGCGGAGAGCCTGGCTACAGAGCTGCCATCAGCGCTCAGAGATCTG
 GTGGGCACTCAGCAGGTGGTGGGAGAGGAGAGGAGTTGAGGCGGAAGTGGATGTGCCGCCACTGGCTGT
 CCTCCCACAGCTGCCCTGCGCCCTCAGCCACACCAGTGCCTCATGTCCAGCCACTGACCAAGCTGTG
 ACTTAGCCTTTTCCAGGCCTCCACGACGCTGAGGTGCTGCTGCCAAAGCCCGTGCCTGTGTACTCTG
 ATTCGGACCTAGTACAGGTGGTGGACGAGCTCATCCAGGAGGCTCTGCAGGTAGACTGTGAGGAAGTCAG
 CTCCGCTGGGGCAGCCTACGTAGCCGAGCTCTGGGAGTCTCAAATGCTGCTGTGAGGATCTGATAACA
 GCTGCCACCACAGGCATTCTGAGGCACGTTGCAGCTGAAGAAGTATCCATGGAAAGGCAGAGGGTAGAGG
 AAGAAAAGCGTCGGGCTGAAGAGGAAAGGTTGAAGCAAGAGAGAGAACTGATGTTAACTCAGCTGAGCAA
 GGGCCTGGCCGACAGCTGACAGAACTCACGGTGCAGAGTGTGTGGGAAACCTGCTCCAGGAGTTA
 AAGAGTGCAGTAGAGACAGACCAGAAGTCCGCGTAGCCCGCTGTTGTGAAGCCGCTGTACACACTTGG
 TGGATTTGTTTCTGCTGAGGAAATTTCCAGACTGCAAAAGAGACTCCAGGAACTCCAGTGTCTCTG
 CAAGTATCTACAAGGTGGAGGGGAGCTGTGCGAGCCGAAAGAACTCCGGCGTCAAGTCCGGGCTTC
 CCTGCAGCACCGTGTGTGGATGTGAATGACCGGCTGCAGGCATTAGTGCCCACTGCAGAGTGTCCCA
 TTAAGTGGGAACTGGCCAAGGGCCTTTTGGACCTGGGCCATGCCGGGAAAGTGGGCATCTCCTGTAC
 CAGGTTGAGGCGGCTTAGGAACAAGACGGCTCACCAGATGAAGGTCCAGCACTTCCACCAGCAGCTGCTG
 AGTAATGCTGCCTGGGCACCTCTGGACCTGCCATCCTTTGTGGCCGAGCACCTCCCTGTGAAGCAGAAGC
 GAATATTTTGGAACTGGTGTGGTGTGCTGCTGATGGAGAAGAGCAGACTCCAGAGAGTCCCTGGCAGAAT
 ACTAGAAAATTGGTTAAAGGTCAAGTTCACAGGAGATGGCAGCCTGGTGGATGACACACGAGATAATGCT
 GGTGACATCCAGACCCTCTCAGTCTTTAATACTCAGCAGTAAAGGGGATCAAACAGTTTCTGTCAACG
 TGTGTATAAAGGTGGCTCGTGGCACCTCAGTGACAGCGCCCTCGATGCCGTGGAGACCGGAAGGACCT
 GTTGGGAGCCAGTGGGCTCATGCTGCTGCTTCCCCCAAAGTGAAGAGTGAAGATGAGGATGTAGCAGAGGAGGAT
 CTGTAAGTGGCTGTGCGCTTACTGCAGCTCAAGCAGCTTCTCCAGGCCAAGCCCTTCCAGCCTGCCCTGC
 CACTGGTGGTCTCGTGCCAGCTCCAGAGGAGACTCCACGGGAAGGGAGTAGAGGACGGTCTGATGTT
 ACAAGATTTGATTTAGCCAAGCTGATTTAGATTACATCGTTGTTGAGATTCTGATTTTGTAAACGAT
 TTACACGGCACAGTGAAGGTTTCTGGAGCAGTCCAGTGGCTGATCTCCCGGTGCCCTCAAGCCCTAGACC
 TTTGCTGCCAAACCTTATTAGTATGTTGAGGATGGGATCAGCCGTGAGTTCAGTGGTCCGTTTTTCCA
 CGACAGGAGAGAGACGCTGGGCAGTCTGGCCTCCAGGAGCCTAGCGCCATTATTGAGTTGTTCAAC
 AGTGTGCTACAGTTCCTGGCCTCTGTGGTGTCTCTGAGCAGCTGGGTGACATCTCTGGCCTGTACGG
 AATTTGCTGAGGTGGGAGGCAGCCAGCTACTTCTCACTTGCAGTGAAGTCAACAGAGCATCTAGCTTG
 GCTGAAGCAAGCTGTGCTTGGGTTCCAGCTTCCACAGATGGATCTTCCACCCCAAGCGGCCCTCTGGCTC
 CCTGTGTGTTCCATGGTGTGATCCAGTACACGTCCCAGATTTCCAGCTCGTGCAGGACACAGCCTGTCTGC
 GGTCCCAGGTGGAGAGCCTGTGTGCAGAACATACCAGAAGTGAAGAGCAAGAGCCTCTGTCCAGGCCA
 GCAGTCCGGGCTTCTGTTGCCGAGATCCCGTGGGATGACATCATCACTTATGCATCAATCACAAGCTA

AGGGACTGGACGCCCCCGGCTCCCCGTACATTAGATGCACTGAGTGAAGATGGTCAAATATGTGTAT
 ATTTTTCAAAAATCGTCTAAGGAAATACACTGTTCCCTTGTCATGGGAGCAGGCCAGAATGCAGACCCA
 GAGGGAATTCAGCTGAGTCAAGGATGGTTTGAAGATCAACTTCAGCAATGGCTATCACGAGACTCACAG
 GCCTTCACCGAGTCAGCCCGCTTCTCTACCTCCCTCAGACATTAGTGTCTTATCCTGATGCCATCA
 AAACTCAGACCAAGGTGAAGACATCCACAAGTCTCAGAATGCAGGGACAGGAGACCACGTGCGGTTCTC
 AGAGGCATCAGACACATCTGACTGAAAAGCTGAAGCACCTGAAAGGCTAATCCAAAGTTCAAGGGCA
 GAAGAAGCGGCCTCTGAGCTACATCTCTGCACTGCTGGACATGGTGGACATATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001106382
- Insert Size:** 5727 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_001106382.1, NP_001099852.1
- RefSeq Size:** 6232 bp
- RefSeq ORF:** 5727 bp
- Locus ID:** 294339
- Cytogenetics:** 20p12