

Product datasheet for RN217424

Mms19 (NM_001271596) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mms19 (NM_001271596) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mms19
Synonyms:	Mms19l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217424 representing NM_001271596 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCCGCCACTGCTCTGGAGGAGGCAGGGCGCCTATGGGCGCCCTGTGTGGCCTCGTGCAAGACT
TCGTCATGGGTCAGCAGGAGGGGCCGCTGACCAGGTGGCTGCAGATGTGAAATCCGGTGGCTATACAGT
GTTACAAGTAGTAGAAGCCCTCGGGTCTCTCTGGAGAATCCAGAACCCGAAGTCCGGGTCGAGGAATC
CAGCTTTTGTACAGGTGCTACTCCAGTGTCACTCCTTGCTCTTGAGAGAAGGAAGCAGTCCACCTGACCC
TGTTCTATGAGAACCGGCTGAAGGACCACCATCTTGTGGTCCCATCTGTCTGCAGGGCCTGAGGGCACT
GAGCCTGTCTGTGGCCCTGCCCGGGGCTGGCTGTCTGTGCTTAAAGCCATCTTCCAGGAGGTACAC
GTACAGTCCCTGCTACAGGTAGACCGCCACTGTCTTCCAGTATCATCACTAACTTCCAGGATCAGGAG
AAGAAGAGCTGAAGAGCCTAGGAGCTGACTTACATTTGGCTTCCAGGTGATGGATGGAGAAAAGGA
TCCCGTAATCTTTTGTGGCTTCCGCATCGTCCAGCCTCATCTCCAAGGACTACAATCTGGGACCT
TTTGTGGAAGAGTATTTGAAGTGACATCTTGTATTTCCCTATTGATTTTACCCCTCCTCCTAATGATC
CTTATGGCATCCAGAGAGAGGATCTCATCTGAGTCCCGTGTGCTGGCTTCCACACCGGGTTTGC
TGAGTTCTTACTGCCTCTGCTAATTGAGAAAGTGATTCTGAGATTTTAAAGTGCCAAGCTGGATTCTCTG
CAAACCTGAATGCTTGCTGTGCTGTGATGGACAGAAGGAGCTAAAGGACTTCTCCCCAGCCTTTGGG
CATCCATCCGAGAGAGGTTTCCAGACAGCGAGTGAGCGAGTAGAGGCTGAGGGCCTGGCAGCTCTCCA
TTCCCTGACTGCGTGTCTGTCTTGTCTGTGCTGAGAGCTGATGCTGAGGACCTCCTCCATCCCTCCTC
AGCAGCATTCTACAAGACTGCAGGCACCATCTATGTGAACCAGACATGAAACTTGTATGGCTAGCGCTA
AGCTGTTACAGGAGCTGCAGGTGCATCTGCCCGGCTGTGAGCACATCACCAGCAACGTGCTTCCCTT
GCTGCTGGAACAGTTCCACAAGCACAGCCAGCAACCAGCGGCGACAATCCTTGAAATGATCCTGGGA
TTCTTAAAGCTGCAGCAAATGGAGCTACGAAGACAGAGATGAAAGGCCTCTGAGTAACTTCAAAGACC
AGCTGTGCTCATTGGTGTTCATGGCTTAACGGATCCCAGCACCCAGCTTCAGCTTGTGGCATCCGGAT
GCTGACGGTCTTGGGTGCCAGCCAGATCTGCTGTCTGCTGAGGACTTGAGTTAGCAGTAGGTCACCTC
TACCGACTGAGCTTGCTGGAGGAAGATGCCAGAGTTGTAGGGTGGCAGCATTGGAGGCATCAGGATCCC



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TGGCCACTCTGTATCCCGGAGCCTTCAGCAGCCACTTACTACCCAGGCTTGCTGAGGGGCTGCATCAAGG
 GGAGTCAGACGTGGCTAGAGCGGATGGGCCACCAAATGTTCTCGGCATTTTCGCTGTCTGCAAGCTTTG
 TCAGCTGTTTTGACACATCCCGACATTGTCAAGGAGACTGCCTCTGCTACTGCAGCATCTCTGCAGG
 CACACAAAGGGAATGATTACAGAGTCCAGTGAAGTTGTTGCTGTTTGTGAGAGTCTCCAGCAGGTGGC
 AGAAAAATGCCAGCAGGACCCTGAGAGTACTGGTATTTCCACAAGACTGCTGTGCCCTGCCTGTTTGA
 TTAGTGTGCAGGCTTCAGTGCCAGAGAAGGCGTCCTCCGTTCTGAGCAAAGCACTGTTGGAGGATGAGG
 TCTTGGCCGCATTGGCTTCTGTCAATTGGCACAGCCACTACCCATCTGAGCCCTGAACTAGCTGCCAGAG
 TGTACATGCATCGTGCCCTCTTCTAGATGGCAACACCTCTTTCTACCTGAAAAACAGCTTCCAGGC
 CACTTCCAGCCATTCCAGGGCGGCTCCTCTGGCAAAAGGCGGCTGGTTGCACTACTTATGGCTTTGCTCT
 GCTCCCTGCCACGAAATGTGAAATCCCGAGCTGACCCGACTCATGCAGGAGCTTTTGAAGCAGAGCTG
 TGGCCACAGCTGTCCCTTCTCCTCCACTGCTGCCTCCAAGTGCTTTCAGGGCTCCTCAATAAGCAGCCT
 CCAGGGCAGCAGTTGGATGAGTTCCTCCAGCTCTCTGTGGACACAGTGGAGGCGGCTGGCCTCTGAAT
 CCTCCCGTAATCAGGCTTTCACACTGCTGCTCTGGTAACCAAGGCTCTAGTCTCAGGTACCATCCTCT
 CAGTGCCAGCCTAACCGCTCGGCTCATGGCCTCCTCAGCGACCCAGAAGTGGCTGTGCAGCAGCTGAT
 GGCTTCTCTGCTCATGTCTGACTGCACTGATGTGCTGACTCGGGCCGCCATGCTGATGTTCCGATCA
 TGTTCCGCCAGCGCTTCTCACAGACAATGTGCCTGCTTTGGTCCAGGGTTTCCATGCTGCTCCCAAGA
 TGTGAAGCCAAACTATCTGAAGGGTCTATCTCATGTACTCAACAGGCTGCCTAAGCCTGTGCTTTTACCA
 GAGCTGCCACACTCCTTTCCTTGCTGCTGGAGGCACTGTCTGCCCTGACTCTGTGGTCCAGCTTTCCA
 CTTTGAGCTGTCTCAACCCCTTACTACTGGAAGCACCCCAAAATCATGAGTCTTATGTTGATACTCTGGT
 CACGAAATTCCTGAACCTCAGTTCAGTTCATCAATGGCCGTCGGATTGCTGCTCTGCAGTGTATGCAT
 GCTCTCACTCGGCTACCCACTTCTGTGTGCTGCCATTCAAATCTCAGGTGATCCGAGCTTAGCCAAGC
 CTCTGGATGACAAGAAGAGACTTGTGCGCAAGGAAGCAGTGTGAGCAAGGGGAGAATGGTTCCTACTGG
 GAGCCCTGGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271596
- Insert Size:** 3096 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271596.1](#), [NP_001258525.1](#)

RefSeq Size: 3472 bp
RefSeq ORF: 3096 bp
Locus ID: 171124
Cytogenetics: 1q54