

Product datasheet for **MC216534**

Morn1 (NM_001081100) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Morn1 (NM_001081100) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Morn1
Synonyms:	2900057D20Rik; 4930417P05Rik; AU042805
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216534 representing NM_001081100
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCAGCTGGCGATCCCTACCAGGCTTCGCTCCAGCCGCGTCGGCACTCGCCGAGACTGCCGCCGC
 GAAACGGCTATGGCGTATATGTATACCCAAATCTTTCTCCGCTATGAAGGAGAATGGAAGGGAGGCAA
 GAAACACGGTCATGGGAAGCTATTGTTTAAAGATGGAAGTACTACGAAGCGAATTTGTGGATGGAGAA
 ATTACTGGGGAAGGCTGCCAGCACTGGCCTGGTCAGGAAACACCTACTCTGGACAGTTTGTTTAGGAG
 AGCCTCAAGGGCACGGCGTCATGAAGTACAAGCCGGAGGTCGCTATGAAGGGGAGCTCTCCAAGGCCCT
 GAGGGAAGGGCAGGGTTTCTGGAGGATCAGGACGGGCAGGTATACCAGGGTTCTTCCATGACAACAAG
 AGACATGGCCGTGGCAGATGATCTTTAAGAATGGTGACAAGTACGAAGGTGATTGGGTTTCGAGACCAGC
 GTCAGGGACACGGGGTGTGTGTGTGCCGACGGCTCCACATAACAAGGACAGTGGCACAGTGATGTCTT
 CAGTGGACTCGGCAGCTTGGTCCACTGCTCAGGAGTCACTACTGTGGGATGTTCAATTAACGGCCACCCA
 GCAGAACAGGCTAAGAAAATTGTGATTCTGGGTCCAGAGGTAAGGAGTGGTCCAAGGGTCTCCCTTCA
 CGTTGAGTGTACAGCTGCAGCAAGATGATGGGGAAGTTGCCAAAAGTGAGAGTGGCCGGGTCTGAAGAT
 CTCAGCAGGAGTCAGATATGTGCAACTCCAGAATACTCTGAGGTCAGCTTTTTCAAGATGGATGAAGAC
 TACATGGAGACACCCATCCAGACCCCATTTGGGTTCCAGTGCATTTCTACCCCTGTCTGTGCCATGT
 CCTGGGGGCCAGAGCCTGGGTCTACTGTGGAAGTGCCAGAGTGACCTGCTACTCTCCAAGAGAGACTC
 AGAGCCTGTGTGGACTCAGGAGCCTCCATGGCCAGGGAGACACCCTCAGCATCCTGCCAGCCAGGAGA
 CACAAACCCTGCTGTAGCAAGTGGACCACGGCTGTGCCGAGTTTGTGGACATCCTCCTCGGAGCCCTC
 CGCCTGGCATGCAGCCTTACCTGTTCTGCCCCGCGCAGCTGGAGAAGACTCTCGGCAGGCCTAAAGGTGG
 CCCAAGTTCCTCCAGAGGTGCTGCCCACTGCCAGGAACCTCTAAAAGGCACCAACAGGCCTGATGGGACC
 ACAGTAGAGCCACCGACAGCTGCATATCTAGGGGAGTATGTGCTCATGGTCTGTGATGTGACCAGCCCTC
 CCTTCTGGGCCACAGGCTGCCACCACCTTCAAACACCTGCGGATCTTAGCCAAGGGGGACACCCACTG
 GCCCATGTCCCTGAAGATCACCAGAAGCT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081100

Insert Size: 1434 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_001081100.1, NP_001074569.1
RefSeq Size: 1661 bp
RefSeq ORF: 1434 bp
Locus ID: 76866
Cytogenetics: 4 E2