

Product datasheet for **MR200126**

Morn2 (NM_194269) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Morn2 (NM_194269) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Morn2
Synonyms: Mopt
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200126 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGGCTTTGGAAGACTTGAACATTTTTCGGGCGCTGTGTATGAAGGACAGTTTAAGGACAACATGT
 TTCATGGACTGGGGACTTACACATTCCTCAACTGGGGCAAAGTACACTGAAATTTCAATGAAAATAGGGT
 AGAAGGTGAGGGAGAATACACTGACACCCAAGGCCTGCAGTGGTGGTAACTTCCACTTACAGCTGCC
 CCCGGCCTGAACTAAAGCTCTACATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200126 protein sequence
 Red=Cloning site Green=Tags(s)
 MNGFGRLEHFSGAVYEGQFKDNMFHGLGTYTFPTGAKYTNFNENRVEGEYTDQGLQWCGNFHFTAA
 PGLKLLKLYM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_194269

ORF Size: 240 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

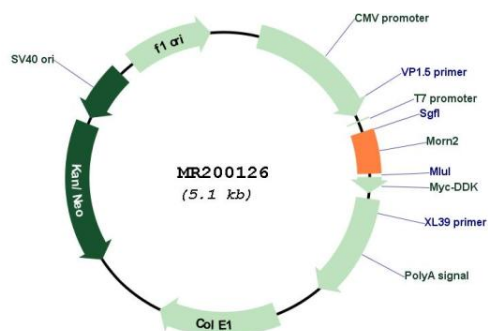
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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_194269.2](#), [NP_919245.1](#)

RefSeq Size: 662 bp

RefSeq ORF: 240 bp

Locus ID: 378462
UniProt ID: [Q6UL01](#)
Cytogenetics: 17 E3
MW: 8.9 kDa
Gene Summary: Might have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR200126