

Product datasheet for **MC217486**

Bora (NM_175265) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bora (NM_175265) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bora
Synonyms:	6720463M24Rik; AI317232
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217486 representing NM_175265
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGATGTCAGCGAATTAATAATGCAATAACACCAGAACTCCAGGAAGGATCCCTGTTTTAAATC
 CCTTTGAAAGTCCAGTGATTATTCTAATCTCCATGAACAAACCTTGCTAGTCCTTCTATCTTTAAGTC
 CACAAAACACCAACTCCAGGAAATTTAGGTGGTCTATTGATCAGCTGGCCATAATAAACCTGTAGAG
 ATCGATCCAGAGGAGATCCATCGGCAGGCTTCTACCTAAGGCTTTCTCGAATAGATAAAGATGTGGAAG
 ACAAAAAGACAAAAGCCATTGAAGAGTTTTTACTAAAGATGTCATTGTGCCCTCCTCGGACTGATCA
 TGATGGAAAACAGCCTTCAGAGCTTCATCCAGTAAATGCCTAAGTAGCCATGATGACTCTCCTGATGG
 AAAAAGCCAAGTCTTCCCTCACAGAAGTCAACGCTGCCTGCCAGACTCTGCTGTCTCTCTGTGGATT
 TTAATTTGGAAGCCATATTAGGAGACTATTTAGAGAAGAGGACTTTGTGGCCACACTCTGGAACT
 CAGTTCTTCATCTCTGAGAAGAAAGCTTTTTGGATGGGAATGGAAGCATCTGTGACCCTTGCCTTCG
 CCGTCGCCGGAAGTCTCCCTGCAGTGCCCGGGGTGCTCGAGGGACAGTTTTCTCCAGCCCCATTC
 AGAACAGTGTGAAAAATACAGCTTGGGAAGCGTCACCACGAGCCCGTCGGCCATCTCCTCACCTACCT
 CTCACCTATCGCACTTCAAGGAGGAAAGACGCCGCTCAGAACCCAGGAAGCTTACGTTTCATTCTCC
 GAAGCTTCGTGTGCAACAGCTTCTACGGGGATCGTTAACCCGAGCATCAGGAGTCCGTACATAGATGGCT
 GCTCGCCAATCAAAAAGTGGTCTCCTCGGAGACTGAGAGGTGGCCCTCAGTGTGCTCCTCCCTGGTCCG
 CATACTTTTACCCTTGAGGCTCACAGTGAAGATGAAGAGGCGGACGTTTCTGCACAGGCGCGCTCCA
 CTCAGCACAAATGCTTGTGGTGAGCCTCGAGTTGCTACTGCCATGTCTGTTACACAGAGTCACTCTGGTA
 TTGCTGAGAAAAGAGCGAGCAGTCTGGACGATGCGGAAAAGTGAGAGGAAAATGACACCGTGGATATGGT
 CGATCCTACAGACACAGTAGCTGAAAGCAGTGGATAAAAAGAGCCAGTGGATGATGGGAATTCACCCATG
 ACGGATTCGCGAGTGGAAATGCCTCAGTATTGAAAAGTCTCATTATGTGCATGTCGCCTTTCAGAAA
 GCAGTGTCTGCCTTATGAAAGCAGTGTATCCAGATGAATAGTACTATAACACACAGACTTGTGTAAG
 TAATATCACTGATATTGTTGGGACAGAAAAGATATTGCAAAGAAAATGTCACACATACAAATGTTCCAGTG
 CCCTTTGAAGTGGAAATGAAATCTCAAGTTAATAACGTAACGCCCGGCCACACAGCGCAGCGGTGCTGGA
 TGAAATCTCCGCTCCATCTCAGTGCAGCCGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_175265

Insert Size: 1578 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_175265.4](#), [NP_780474.1](#)

RefSeq Size: 2293 bp

RefSeq ORF: 1578 bp

Locus ID: 77744

UniProt ID: [Q8BS90](#)

Cytogenetics: 14 E2.2

Gene Summary: Required for the activation of AURKA at the onset of mitosis.[UniProtKB/Swiss-Prot Function]