

## Product datasheet for **MR201717**

### **Bmf (BC079650) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bmf (BC079650) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Bmf  
**Synonyms:** AW260063; AW411872  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201717 representing BC079650  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCACCTCAGTGTGTGGAGGAGCTAGAAGATGATGTGTTCCAGTCAGAGGATGGGGAGCCAGGGA  
CACAGCCTGGGGCTTGCTCTGCTGACCTGTTTGCCAGAGCCAGCTGGACTGTCCCCTCAGTCGACT  
CCAGCTCTTCCCTCACCCATTGCTGTGGTCCCGGACTCCGGCCATAAGCCAGGAAGACAAGGCCACT  
CAGACCCTCAGTCAGCTTCCCCAAGCCAGGGTGTATGCTGCCCTGTGGGGTACAGAGGAACCCAGAG  
GACTCTTTTACGGCAACGCTGGCTACAGGCTTCTCTCCCTGCCAGTTTCCCTGCAGGCTCACCCCTTGG  
GGAGCAGCCCCCTGAAGGACAGTTCCTTCAGCACCAGCAGAGGTGCAGATCGCCAGAAAGCTTCAGTGT  
ATTGCAGACCAGTTCATCGGCTTCATACGCAACAACACCAGCAGAAACCGAGACCGTGCCTGGTGGCAGG  
TCTTCTTTTCTTCAAACCTCGCCCTGAACAGACAAGAAAACAGGGAAGGGTGGGGCCCTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201717 representing BC079650  
**Red=Cloning site Green=Tags(s)**

MEPPQCVEELEDVDFQSEDGEPGTQPGLLSADLFAQSQDCPLSRLQLFPLTHCCGPGLRPISQEDKAT  
QTLSPASPSQGVMLPCGVTEEPQRLFYGNAGYRLPLPASFPAGSPLGEQPPEGQFLQHRAEVQIARKLQC  
IADQFHLHTQQHQNRDRAWVQVFLFLQNLALNRQENREGVGPW

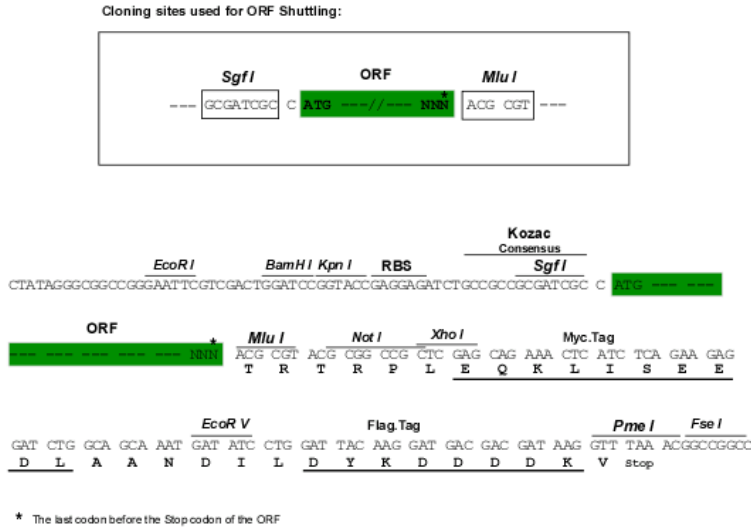
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9035\\_h02.zip](https://cdn.origene.com/chromatograms/mm9035_h02.zip)



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC079650

ORF Size: 555 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: [BC079650.1](#)

RefSeq Size: 4667 bp

RefSeq ORF: 557 bp

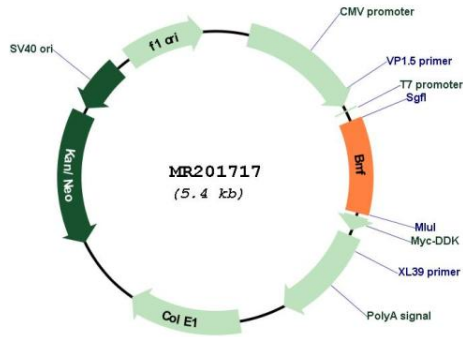
Locus ID: 171543

Cytogenetics: 2 E5

**MW:** 171.1 kDa

**Gene Summary:** May play a role in apoptosis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201717