

Product datasheet for **MR224770**

Bmf (NM_138313) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bmf (NM_138313) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bmf
Synonyms: AW260063; AW411872
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR224770 representing NM_138313
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCGAGCGGGCGTATTTGGAAACAATACCGCGGGTGTGCCGTGGCCTCCTCCCGCCAGCTCG
CGCCTGCAGCAGTCGCTGCCGACGCCCGCCACCGCCTCCACCGCAGCCCGCTGGAGTTGCCCCCTT
CTTCCCAATCGAGTGTGGGCACCAAGCCCCCGAGTGTCTTCCACCTGGACCCTGGCGCAGAGCCCTGG
CATCACAACCTCGGAGGCTGAGACGCTGTCTGGAGTCACCCAGGAGAGATGGAGCCACCTCAGTGTGTGG
AGGAGCTAGAAGATGATGTGTTCCAGTCAGAGGATGGGGAGCCAGGGACACAGCCTGGGGCTTGCTCTC
TGCTGACCTGTTTCCCAGAGCCAGCTGGACTGTCCCCTCAGTCGACTCCAGCTCTTCCCTCTCACCCAT
TGCTGTGGTCCCGGACTCCGGCCATAAGCCAGGAAGACAAGGCCACTCAGACCCCTCAGTCCAGCTTCCC
CAAGCCAGGGTGTATGCTGCCTTGTGGGGTGACAGAGGAACCCAGAGACTCTTTACGGCAACGCTGG
CTACAGGCTTCTCTCCCTGCCAGTTTCCCTGCAGGCTCACCCCTTGGGGAGCAGCCCCCTGAAGGACAG
TTCCTTCAGCACCAGCAGAGGTGCAGATCGCCAGAAAGCTTCAGTGTATTGCAGACCAGTCCATCGGC
TTCATACGCAACAACACCAGCAGAACCAGACCGTGCCTGGTGGCAGGTCTTCTTTTCTTCAAACCT
CGCCCTGAACAGACAAGAAAACAGGGAAGGGTGGGGCCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224770 representing NM_138313
Red=Cloning site Green=Tags(s)

MPGAGVFWKQYRAVCRGLLPRQLAPAAVAAAARATASHRSPLEFAPFFPIECGHQAPRVFFFLDPGAEPW
 HHNSEAETLSWSHPGEMEPQCVEELEDVDFQSEDEPGTQPGGLLSADLFAQSQLDCPLSRLQLFPLTH
 CCGPGLRPISQEDKATQTLSPASPSQGVMLPCGVTEEPQRLFYGNAGYRLPLPASFPAGSPLGEQPPPEGQ
 FLQHRAEVQIARKLQCIADQFHRLHTQQHQQRDRAWVQVFLFLQNLALNRQENREGVGPW

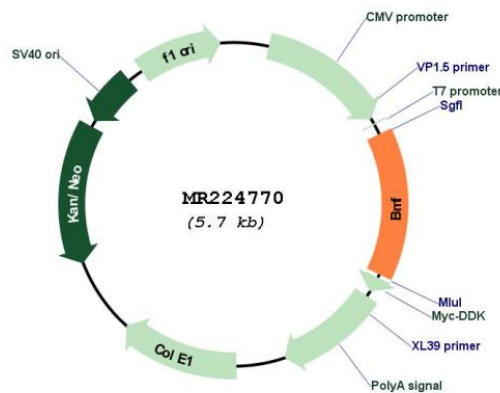
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_138313

ORF Size: 813 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:	<ol style="list-style-type: none"> 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_138313.4
RefSeq Size:	4654 bp
RefSeq ORF:	816 bp
Locus ID:	171543
UniProt ID:	Q91ZE9
Cytogenetics:	2 E5
MW:	30.5 kDa
Gene Summary:	May play a role in apoptosis.[UniProtKB/Swiss-Prot Function]