

Product datasheet for **MR227790**

Banf2 (NM_207275) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Banf2 (NM_207275) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Banf2
Synonyms: 4930517K23Rik; Baf-L; Baf-like; Gm115
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227790 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGACATGTCGCCAGGCTGAGAGCCTTTCTCTCTGAACCCATTGGGGAAAAGGATGTGGCCTGGG
 TGGATGGCATCAGCCGTGAACCTGCCATCAATTTGGTCACCAAAGGTTTCAACAAGGCCTATGTCCTGCT
 GGGACAGTTTCTCTGATGCACAAGAATGAAGCAGAGTCCAGAGGTGGATCATCTGCTGCTGTGGAGCT
 ACGGAGTGTGAGGCCCGCCAGAGCTCCACCTGCCTGAAGGAGTGGTCTCCTGTTTCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227790 protein sequence
 Red=Cloning site Green=Tags(s)
 MDDMSPRLRAFLSEPIGEKDVAVWDGISRELAINLVTKGFNKAYVLLGQFLLMHKNEAEFQRWIICCGA
 TECEARQSSTCLKKEWCSCFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

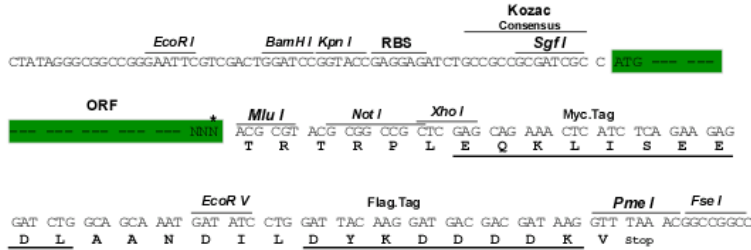
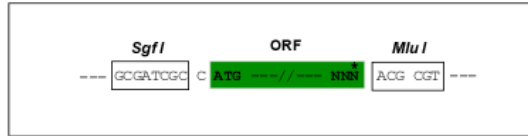
Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_207275

ORF Size: 273 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 10µg 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.

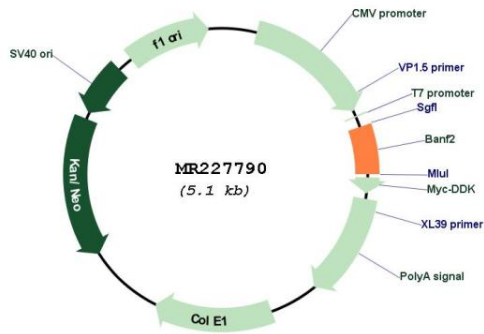
RefSeq: [NM_207275.2](#)

RefSeq Size: 527 bp

RefSeq ORF: 273 bp

Locus ID: 403171
UniProt ID: [Q8BVR0](#)
Cytogenetics: 2 G1
MW: 10.3 kDa
Gene Summary: May play a role in BANF1 regulation and influence tissue-specific roles of BANF1. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227790