

## Product datasheet for **MC200377**

### Banf1 (NM\_011793) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Banf1 (NM_011793) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Banf1
Synonyms:	Baf; Bcrp1; L2bp1/Baf
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003709 sequence for NM\_011793  
GGAACCGTCTCGTAGCTTGAGGTCTGGGCGGGAGCGGCCGAGTGCGCGAGGAGCCGTTACCAGAGCCGG  
AGCCTCCGGTTAAGCCTGATCACGATGACAACCTCCCAAAGCACCAGACTTCGTGGCAGAGCCCATGG  
GGGAAAAGCCAGTGGGGAGCCTGGCCGGGATTGGTGACGTCCTGAGCAAGAGGCTGGAGGAAAGGGGCTT  
TGACAAGGCTTATGTGGTCTTGCCAGTTTCTGGTGCTAAAGAAAGATGAAGACCTCTCCGAGAATGG  
CTGAAGGATACATGTGGTGCCAATGCCAAGCAGTCCCGGACTGCTTTGGGTGCCTTCGAGAATGGTGTG  
ATGCCCTTTGTAGTGTCTCTGGGATCCCTCATACCCAGCCACAGCACAGTTTCCAGAGTCTGCAGC  
AGGGCAGGGCTCCTCCCTGTCCTCCATAAAGGAAAAGATGGCTGTTGTCACCCTCACCTCTATGTACTC  
CAGGGTCTATGGGAGTTCTCTCCCTCAGCGTTTCAATCTTTCTGGGATCGTTTCCCTTGCATGCCTTT  
CCCTTCCACCTCCCCTGCAGTTCGGTGGCAGCAGTTACCAACTTCTGAATGGATTCTGGCCCCCTT  
CTCCCTCACTATCTGTTGGATGCCCTTTGGCTCCTTTCTTTTTTGGCAAAAACAGTCACTGTCCTTAT  
AAAAGATTTTTAAATTAATAAAATCAGTGGCCTTCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011793

**Insert Size:** 270 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).



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**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:** [BC003709](#), [AAH03709](#)

**RefSeq Size:** 756 bp

**RefSeq ORF:** 270 bp

**Locus ID:** 23825

**UniProt ID:** [O54962](#)

**Cytogenetics:** 19 A

**Gene Summary:** Plays fundamental roles in nuclear assembly, chromatin organization, gene expression and gonad development. May potentially compress chromatin structure and be involved in membrane recruitment and chromatin decondensation during nuclear assembly. Contains 2 non-specific dsDNA-binding sites which may promote DNA cross-bridging.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 3. Variants 1-3 encode the same protein.