

# **Product datasheet for RG228038**

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OriGene Technologies, Inc.

## BANF2 (NM 001159495) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** BANF2 (NM\_001159495) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: BANF2

Synonyms: BAF-L; BAF2; BAFL; C20orf179

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG228038 representing NM\_001159495
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCTGCGAGGAACAAAGGAGATGGACAACATGTCTCCCAGGCTGAGAGCCTTCCTCTCCGAACCCATTG GAGAAAAGGATGTCTGCTGGGTGGATGGCATCAGCCATGAGCTCGCGATCAATTTGGTCACCAAAGGTAT CAATAAGGCCTACATCCTGCTGGGACAATTCCTTCTGATGCACAAGAATGAAGCCGAGTTTCAGAGGTGG CTCATTTGCTGTTTTGGTGCCACTGAGTGTGAGGCCCAGCAGACTTCTCACTGCCTCAAGGAGTGGTGTG

**CCTGCTTCCTG** 

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228038 representing NM\_001159495

Red=Cloning site Green=Tags(s)

MLRGTKEMDNMSPRLRAFLSEPIGEKDVCWVDGISHELAINLVTKGINKAYILLGQFLLMHKNEAEFQRW

LICCFGATECEAQQTSHCLKEWCACFL

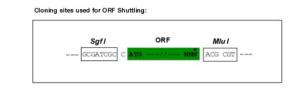
TRTRPLE - GFP Tag - V

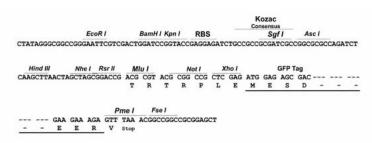
**Restriction Sites:** Sgfl-Mlul



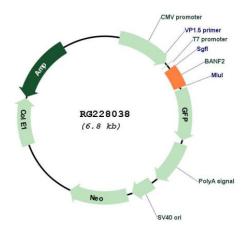


#### **Cloning Scheme:**





#### Plasmid Map:



**ACCN:** NM 001159495

ORF Size: 291 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



## BANF2 (NM\_001159495) Human Tagged ORF Clone - RG228038

**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:** NM 001159495.1, NP 001152967.1

 RefSeq Size:
 390 bp

 RefSeq ORF:
 294 bp

 Locus ID:
 140836

 UniProt ID:
 Q9H503

 Cytogenetics:
 20p12.1

**Gene Summary:** May play a role in BANF1 regulation and influence tissue-specific roles of BANF1.

[UniProtKB/Swiss-Prot Function]