

Product datasheet for **RG228038**

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 Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG228038 representing NM_001159495
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCGAGGAACAAAGGAGATGGACAACATGTCTCCAGGCTGAGAGCCTTCTCTCCGAACCCATTG
GAGAAAAGGATGTCTGCTGGGTGGATGGCATCAGCCATGAGCTCGCGATCAATTTGGTCACCAAAGGTAT
CAATAAGGCCTACATCCTGCTGGGACAATTCCTTCTGATGCACAAGAATGAAGCCGAGTTTCAGAGGTGG
CTCATTGCTGTTTTGGTGCCACTGAGTGTGAGGCCAGCAGACTTCTACTGCCTCAAGGAGTGGTGTG
CCTGCTTCCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228038 representing NM_001159495
Red=Cloning site **Green**=Tags(s)
MLRGTKEMDNMSPRLRAFLSEPIGEKDVWVDGISHELAINLVTKGINKAYILLGQFLLMHKNEAEFQRW
LICCFGATECEAQQTSHCLKKEWCACFL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001159495.1</u> , <u>NP_001152967.1</u>
RefSeq Size:	390 bp
RefSeq ORF:	294 bp
Locus ID:	140836
UniProt ID:	<u>Q9H503</u>
Cytogenetics:	20p12.1
Gene Summary:	May play a role in BANF1 regulation and influence tissue-specific roles of BANF1. [UniProtKB/Swiss-Prot Function]