

Product datasheet for **RG203270**

BANF1 (NM_003860) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BANF1 (NM_003860) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: BANF1
Synonyms: BAF; BCRP1; D14S1460; NGPS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG203270 representing NM_003860
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAACCTCCCAAAGCACCGAGACTTCGTGGCAGAGCCCATGGGGGAGAAGCCAGTGGGGAGCCTGG
 CTGGGATTGGTGAAGTCCTGGGCAAGAAGCTGGAGGAAAGGGTTTTGACAAGGCCTATGTTGTCTTGG
 CCAGTTTCTGGTGCTAAAGAAAGATGAAGACCTTCCGGGAATGGCTGAAAGACACTTGTGGCCCAAC
 GCCAAGCAGTCCCGGACTGCTTCGGATGCCTTCGAGAGTGGTGCACGCCTTCTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203270 representing NM_003860
 Red=Cloning site Green=Tags(s)
 MTTSQKHRDFVAEPMGEKPVGSLAGIGEVLGKKLEERGFDKAYVVLGQFLVLLKDEDLFREWLKDTCGAN
 AKQSRDCFGLREWCD AFL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

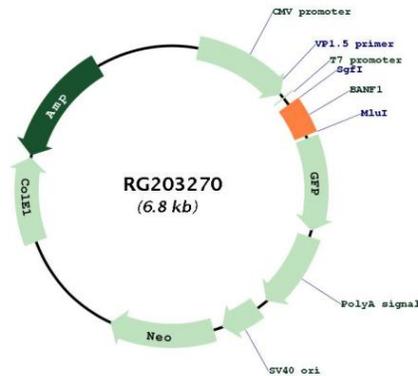


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RefSeq: [NM_003860.4](#)
RefSeq Size: 1192 bp
RefSeq ORF: 270 bp
Locus ID: 8815
UniProt ID: [O75531](#)
Cytogenetics: 11q13.1

Gene Summary: The protein encoded by this gene was first identified by its ability to protect retroviruses from intramolecular integration and therefore promote intermolecular integration into the host cell genome. The protein forms a homodimer which localizes to both the nucleus and cytoplasm and is specifically associated with chromosomes during mitosis. This protein binds to double stranded DNA in a non-specific manner and also binds to LEM-domain containing proteins of the nuclear envelope. This protein is thought to facilitate nuclear reassembly by binding with both DNA and inner nuclear membrane proteins and thereby recruit chromatin to the nuclear periphery. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, Jan 2009]

Product images:



Circular map for RG203270