

## Product datasheet for **SC328818**

### **BANP (NM\_001173540) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BANP (NM_001173540) Human Untagged Clone
Tag:	Tag Free
Symbol:	BANP
Synonyms:	BEND1; SMAR1; SMARBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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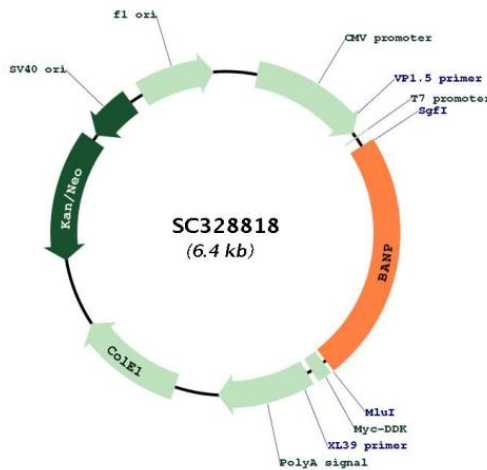
**Fully Sequenced ORF:** >SC328818 representing NM\_001173540.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGATGTCGGAACACGACCTGGCCGATGTGGTTCAGATTGCAGTGAAGACCTGAGCCCTGACCACCCA
GGTACAGAGCTGTGGACATTGTTTTGGAGAATCATGTAGTGACAGATGAAGACGAACCTGCTTTGAAA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001173540

<b>Insert Size:</b>	1494 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001173540.1</a></u>
<b>RefSeq Size:</b>	2321 bp
<b>RefSeq ORF:</b>	1494 bp
<b>Locus ID:</b>	54971
<b>UniProt ID:</b>	<u><a href="#">Q8N9N5</a></u>
<b>Cytogenetics:</b>	16q24.2
<b>MW:</b>	54.2 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein that binds to matrix attachment regions. The protein forms a complex with p53 and negatively regulates p53 transcription, and functions as a tumor suppressor and cell cycle regulator. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]</p> <p>Transcript Variant: This variant (4) represents use of an alternate promoter and 5' UTR, uses three alternate in-frame splices sites, and lacks one alternate in-frame exon in the coding region, compared to variant 7. The resulting isoform (d) differs at four internal regions, compared to isoform g.</p>