

## Product datasheet for **RR206273**

### Banp (NM\_001106191) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Banp (NM_001106191) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Banp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR206273 representing NM\_001106191  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGTCAGAGCAGGACCTGGCAGATGTGGTTAGATTGCAGTGAAGACTTGAGTCTGACCACCCAG  
 TTGTTTTGGAGAATCATGTCGTGACGGATGATGATGAGCCTGCTTTGAAGCGCCAGCAGTACAGATCAA  
 TTGCCAGGATCCCTCTATAAAGTCTTCTGTACTCTATTAACCAGACGATATGTTTGCGGTTGGATAGC  
 ATTGAGGCCAAGTTGCAAGCTCTTGAGGCTACTTGCAAATCTCTGGAGGAGAAGCTAGACCTGGTACCCA  
 AATAACAGCACAGTCCCATCCAGGTCCCTATGGTGGCTGGTTCCCACCTTGGCGCCACCCAGACCTGCAA  
 CAAAGTGCATGCGTTCGTCAGACTACAGTAATACTCAACAATGATCGGCAGAACGCCATTGTAGCC  
 AAGATGGAAGACCCATTGAGCAACAGGGCACGGATTCCCTGGAAAATATCATTAGCAACGCTGTTCTGT  
 GCGCTCGGCAGAATACCATCGTGGTGAAGTGCCTGGTCCAGGACGACAGTCAACAATGAAGATGGAGAGAG  
 TGGATCAGAGGCCAGTACTCCGTGTCTAACTGCGGCCAGCCAGGAAGTCAGAACATTGGAAGCAACGTC  
 ACATTATCACCTGAACCTCTGAAGAGGACTATCCCAATGGCACCTGGCTGGGTGATGAGAATAACCTG  
 AGATGCGGGTACGTTGTGCCATCATCCCCTCCGACATGCTGCACATCAGCACGAACCTGTCGACCCGCTGA  
 GAAGATGGCGCTGACGCTGCTGGACTACCTGTTCCACCGTGAAGTGCAGGCTGTGTCCAATTGTGCGGC  
 CAGGGCAAGCACGGGAAGAAGCAGCTGGACCCCTCACTATCTATGGCATCCGGTGTACCTCTTCTATA  
 AATTTGGAATCACGGAATCTGATTGGTATCGGATCAAGCAGAGCATTGACTCCAAGTGCCGTACAGCCTG  
 GCGGGGAAGCAGCGAGGCCAGAGCCTGGCGGTCAAGAGCTTCTCTCGGAGGACACCATCCTCATCTCC  
 TACAGTGCCTCAGAGACCATGATGGGAACCCCTCCACCTACCAGTGAGCTACAGCAGTACAGCCACAGG  
 CCCTACACTACGATTGGCCAACGCACAGCAAGTCCAGATCCACCAGATTGGAGAGGACGGACAGGTGCA  
 AGTAATTCACAGGGCCACCTACATATTGCCAGGTGCCTCAAGGGGAGCAGGTGCAGATCACACAGGAC  
 AGTGAGGGCAATCTGCAGATCCATCACGTGGGTGAGGATGGACAGTCTGTTGGGCTGTGCCAGAATCCCA  
 TTCCTGTGAGCGGTGACTCAGTGGCCAGGCTAACCCCTCCAGCTTTGGCCTCTGGGAGGAGACACACT  
 TGATCTGCCTGTGGAATGAGATGATCCAGGTAAGTGCAGGCTGCTCAGCTCATAGCCGTGGCCTTTCA  
 GACCCTGCAGCTACAGGAGTAGATGGGTGCCTCTCCAGGGCAGTGACATTAGGTTAGTATGTCCAGC  
 TGGCGCCCGTGAAGTACACACCGCTGCAACGCAGACAGTGAAGGACTGCAACCCACTGTCAGCCTGA  
 AATGCAGCTTGAACACGGGGCCATCCAGATCCAG

**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>RR206273 representing NM\_001106191  
 Red=Cloning site Green=Tags(s)

MMSEQDLADVQIAVEDLSPDHPVLENHVVTDDDEPALKRQRLEINCQDPSIKSFLYSINQTI CLR LDS  
 IEAKLQALEATCKSLEEKLDLVTNKQHSPIQVPMVAGSPLGATQTCNKVRCVVPQTTVILNDRQNAIVA  
 KMEDPLSNRAPDSLENIISNAVPGRRQNTIVVKVPGQDDSHNEDGESGSEASDSVSNCGQPGSQNIGSNV  
 TLIITLNSEEDYPNGTWLGDENNPENRVRCAIIPSDMLHISTNCRTAEKMALTLLDYLFHREVQAVSNLSG  
 QGKHGKKQLDPLTIYGIRCHLFYKFGITESDWYRIKQSIDSKRTAWRRKQRGQSLAVKSF SRRT P S S S  
 YSASETMMGTPPPPTSELQQSQPQALHYALANAQQVQIHQIGEDGQVQVIPQGH L HIAQVPQGEQVQITQD  
 SEGNLQIHHVGDGQSWGLCQNP IPVSGDSVAQANPSQLWPLGGDTL DL P A G N E M I Q V L Q G A Q L I A V A S S  
 DPAATGVDGSP L Q G S D I Q V Y V Q L A P V S D H T A A T Q T A E A L Q P T L Q P E M Q L E H G A I Q I Q

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001106191

**ORF Size:** 1644 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](#)

**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\\_001106191.1](#), [NP\\_001099661.1](#)

**RefSeq Size:** 2090 bp

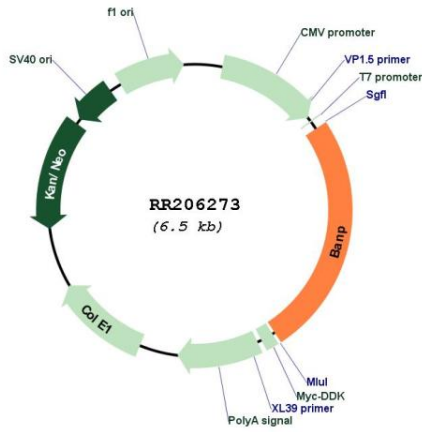
**RefSeq ORF:** 1647 bp

**Locus ID:** 292064

**Cytogenetics:** 19q12

**MW:** 59.7 kDa

Product images:



Circular map for RR206273