

Product datasheet for **RC231604**

BBIP1 (NM_001195306) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BBIP1 (NM_001195306) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BBIP1
Synonyms: bA348N5.3; BBIP10; BBS18; NCRNA00081
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231604 representing NM_001195306
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTAAAGCTGCAGCAAAAAGACCAGAACTTTCAGGAAAAAACTATATCCAACAACCTCAGATATGG
 CAGAAGTGAAGTCAATGTTCCGGGAAGTCTTCCAAAGCAAGGGCCACTGTTTGTGGAAGATATAATGAC
 AATGGTGTGTGTAACCCAACTTTTACCCTTAAATCTCTGACTCTGGAAAACTAGAGAAAATGCAT
 CAAGCAGCACAGAATAAATTCGCCAACAAGAAATGGCAGAAAAGGATCAACGGCAAATAACCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231604 representing NM_001195306
 Red=Cloning site Green=Tags(s)

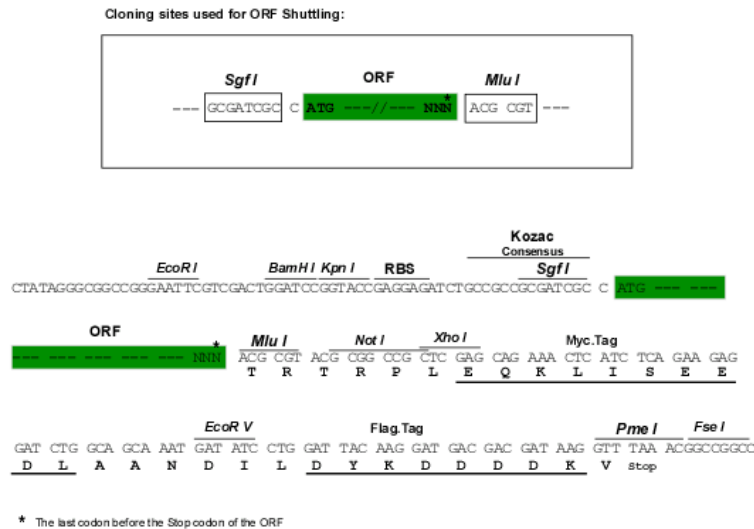
MLKAAAKRPELSGKNTISNNSDMAEVKSMFREVLPKQGPLFVEDIMTMVLCKPKLLPLKSLTLEKLEKMH
 QAAQNTIRQQEMAEDQRQITH

TRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001195306

ORF Size: 276 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.

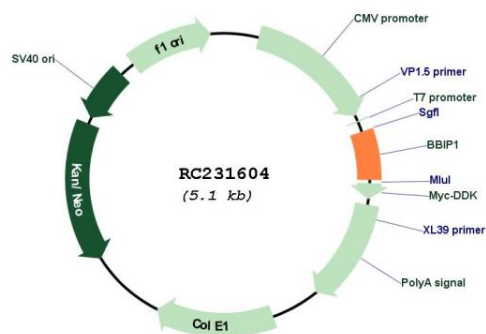
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001195306.1](#), [NP_001182235.1](#)

RefSeq Size: 2057 bp
 RefSeq ORF: 279 bp
 Locus ID: 92482
 UniProt ID: [A8MTZ0](#)
 Cytogenetics: 10q25.2
 MW: 11 kDa

Gene Summary: This gene encodes one of eight proteins that form the BBSome complex and is essential for its assembly. The BBSome complex is involved in trafficking signal receptors to and from the cilia. Mutations in this gene result in Bardet-Biedl syndrome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

Product images:



Circular map for RC231604