

## Product datasheet for **VC101053**

### **BBRF1 (NC\_009334) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BBRF1 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BBRF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101053 represents NCBI reference of YP\_001129476 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**C

ATGTTCAACATGAACGTGGATGAAAGTGCCTCTGGCGCCCTCGGTCCAGCGCAATCCCGTGCATCCTA  
 CCCAGCTTCCGTAAGACTGTTTCGAGATTCTTCAGGAAAATATGCGTACGTGCAAGGGCAGACTATATA  
 TGCTAACCTGAGGAACCCAGGGGTGTTACGACAGCAGGTATTTACCCACCTGTTTAAAGAGAGCTATCTCC  
 CATTGCACATATGATGACGTGCTGCACGATTGGAACAAGTTTCGAGGCTTGCAATCAGAAGAGGTGGCCCT  
 CAGACGATAGTTGTGCATCAGCCTTAGGGAATCCACCTTTGAGTCTGGTCCACCACGATGAAGCTCAC  
 AGTCAGGGACCTCCTACGACGAATATCTACCGAGTCTTCACTCTCGGTCTGTGTTGAGTTATGAACGA  
 TACGTCGACTGGATATGCGCCACGGGCATGGTTCCAGCAGTCAAGAAACCAATTACCCAAGAACTGCATT  
 CCAAGATCAAAGCCTTCGGGACAGGTGCGTTTGTAGGGAGCTGGCCATGAGAGGACCATACGCAGCAT  
 TGGGACTGAACCTGTATGAGGCCACTCGGGAGATTATCGAGTCCCTGAATTCTACCTTTATCCCCAATTC  
 ACCGAGGTAACCAATTGAGTACCTCCCTGGCTCCGACGAATACGTTGCATACTATTGCGGAAGACGCATTC  
 GGCTGCACGTGCTTTTTCTCCTGCCATTTTCGCAGGGACCGTTACCTTCGACAGTCTGTACAACGCCCT  
 GTACCAAAAACATATTTATGTGCTATCGAACCTCGAACATGCCAAGATCTGCCAGCTGCTCAATACCGCC  
 CCCCTGAAAGCAATTGTAGGCCACGGAGGAAGGGACATGTACAAGGACATTTCTCGCGCACCTCGAGCAGA  
 ATTCACAAAGAAAGGATCCTAAGAAAGAACTTTGAATCTTCTGGTGAACCTGTCTGAGAACAAGACCAT  
 CAGCGGAGTAACGGACGTAGTGGAGGAATTTATCACCGACGCCTCAAACAATTTGGTGGATAGGAATCGG  
 TTGTTCCGTCAGCCCGGCGAGACGGCAGCCCAAGTCTCAAGAAAAGGTGAGCAATACGGTGGTCAAAT  
 GTCTCACTGATCAAATCAACGAGCAATTCGACCAGATTAATGGATTGAAAAGGAAAGAGAAGCTACCT  
 TAAAAAGATTAGATCCATGGAGAGTCAGCTGCAAGCTAGCCTCGGCCCGGCGGTAAACAACCCAGCGGCA  
 AGCGCACCTGCTGCTGTAGCTGCAGAGGCCGCTCCCGTGGATATTCTTACCGGATCTACCGCATCCGCAA  
 TCGAAAAGCTCTTTAATTCCTTCAGCCTCTCTGGGAGCTCGGGTGTCTGGCCACAACGAGTCTATCCT  
 GAACAGCTTCGTGCTCAATATATCCCCCATCAAGGGAGATGACTAAAGATCTCACCGAACTGTGGGAA  
 TCCGAGTTGTTCAATACCTTTAAGTTGACTCCCGTGGTCGATAATCAAGGACAAAGATTGTACGTACGCT  
 ATAGTTCGATACAATAAGCATCTGCTGGACCTTTACGTATCTCGTGGCGGAACTTAGCCCCGTAGA  
 GTTGGTACTGATGATATGCCACCCTTGGTATAGTGGAAATCATAGACGAACTGTATCGCTCATCAAGG  
 CTGGCAATCTACATCGAAGATCTGGGACGCAAATATTGCCAGCTTCCGCTACAGGAGGGCACCAGGGCA  
 TAAGGCAAGCCCCCTCAGCACGAGGGCAGCCTGAGCCAGACCATGCCAAGAGCAAACCTGCCCGGATCC  
 CCCACCAGGCGCTGGATCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101053 representing YP\_001129476  
 Red=Cloning sites Green=Tags

MFNMNVDESASGALGSSAIPVHPTASVRLFEILQGGKYAYVQQTIIYANLRNPGVFSRQVFTHLFRKRAIS  
 HCTYDDVLHDWNKFEACIQKRWPSDDSCASRFRETFESWSTTMKLTVRDLLTTNIYRVLHSRVSLSYER  
 YVDWICATGMVPAVKKPIITQELHSKIKSLRDRVCRELGHERTIRSIGTELYEATREIIESLNSTFIPQF  
 TEVTIEYLPGSDEYVAYYCGRRIRLHVLFPFAIFAGTVTFDSPVQRLYQIFMICYRLEHAKICQLLNTA  
 PLKAIIVGHGGRDMMYKDILAHLEQNSQRKDPKELLNLLVKLSENKISGVTDVVEEFITDASNNLVDRNR  
 LFGQPGETAQAQLKKKVSNTVVKCLTDQINEQFDQINGLEKERELYLKKIRSMESQLQASLGPGGNNPAA  
 SAPAAVAEAAASVDILTGSTASATEKLFNSPSASLGARVSGHNEILNSFVSQYIPPSREMTKDLTELWE  
 SELFNFTFKLTPVVDNQQRLYVRYSSDTISILLGPFTYLVAELSPVELVTDVYATLGIVEIIDELEYRSSR  
 LAIYIEDLGRKYCPASATGGDHGIRQAPSARGDAEPDHAKSKPARDPPPGAGS

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC\_009334

ORF Size: 1839 bp

OTI Disclaimer: The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

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: [NC\\_009334.1](#), [YP\\_001129476](#)

RefSeq ORF: 1839 bp

Locus ID: 5176175

MW: 68.4 kDa