

Product datasheet for **VC101142**

BBRF1 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BBRF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BBRF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101142 represents NCBI reference of YP_401682 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTAAACATGAATGTGGATGAAAGCGCCTCAGGTGCCCTGGGCAGCAGTGCCATCCCAGTTCACCCCA
 CGCCCGCATCAGTGCGCCTGTTTCGAGATCCTTCAGGGGAAGTACGCATATGTGCAGGGGCAGACTATCTA
 TGCTAATTTGCGGAACCCGGGCGTGTTCAGTAGGCAGGTGTTTACTCACCTTTTTAAACGCGCCATTTC
 CACTGTACATACGACGACGTACTTCAGACTGGAACAAATTTGAGGCTGCATCCAAAAGAGATGGCCAA
 GTGACGACTCATGTGCCAGCAGATTCAAGGAGTCAACATTTGAATCCTGGAGTACCACCATGAAGCTTAC
 CGTCAGGGACCTGTTGACCACCAACATCTACAGGGTCTTGACAGCAGATCCGTGCTCCTATGAACGA
 TACGTTGACTGGATCTGTGCAACCGGTATGGTGCCTGCCGTCAAGAAACCTATCACACAGGAGCTGCACA
 GCAAGATTAAGTCTCTGAGAGATCGCTGCGTGTGTAGAGAATTGGGACATGAGCGCACTATCAGGTCTAT
 CGGGACTGAGCTGTACGAGGCCCAAAGGAAATATCGAGTCTCTGAATTCACGTTTATTTCCCCAGTTC
 ACAGAAGTAACTATTGAATACCTGCCACGATCCGATGAGTACGTTGCATACTACTGTGGCCGCCGATAA
 GGCTGCATGTGTTGTTCCCTCCTGCAATTTTCGCAGGAACCGTCACTTTTCGATTCTCCCGTCGAGAGACT
 GTATCAAATAATCTTTATGTGCTATCGGACCTTGAGCACGCCAAGATCTGTCAGCTGTTGAACCCGCT
 CCCCTTAAGGCGATCGTGGGTACCGAGGCCCGGCATGTATAAGGATATCCTCGCTCACCTCGAGCAGA
 ATAGCCAGCGAAAGATCCCAAGAAGGAGCTGCTGAATTTGCTTGTAACTTAGCGAAAATAAGACGAT
 CAGCGGAGTGACAGACGTTGTTGAGGAGTTTATCACGGATGCGAGTAAACAATCTCGTTGATCGGAATAGA
 CTGTTTGGTCAACCCGGCGAACTGCTGCCAAGGGCTCAAGAAAAAGTGTCCAACACAGTTGTGAAGT
 GTCGTACTGACCAGATAAATGAGCAGTTGACCAAAATTAACGGCCTGGAGAAGGAACGGGAGCTTTATTT
 GAAGAAGATCAGATCCATGGAATCCCAACTGCAGGCGTCTCTGGGGCCGGCGGCAACAATCCAGCGGCC
 TCAGCTCCCGCCCGCTCGCAGCTGAAGCCGATCTGTTGATATCCTGACAGGCAGCACCCGCTCAGCGA
 TCGAGAACTGTTAATTTCCCAAGTGCCTCTCTGGGGCAAGGTTTCTGGACACAATGAATCCATCCT
 GAACTCATTTGTCAGCCAATATATCCACCCTCCAGAGAAATGACCAAAGACCTGACCGAGCTTTGGGAG
 AGCGAGTTGTTCAACACCTTCAAGCTTACCCTGTGGTGGATAACCAGGGCCAGCGCCTCTATGTGCGCT
 ACAGTTCGATACAATCAGCATTCTCCTCGGCCATTACGTACCTGGTGGCTGAGCTGTCTCCAGTCGA
 GCTGGTAAACAGAGTATATGCCACTCTGGGAATGTGCAAAATCATTGACGAGCTCTACAGGTCAAGCCGG
 CTGGCAATCTATATCGAAGATCTTGGTAGAAAATACTGCCAGCAAGCGCTACCGCGCGGATCATGGGA
 TCCGACAAGCCCTTCCGCACGAGGGGACAGAGCCTGATCATGCCAAATCAAAGCCTGCTCGAGATCC
 ACCACCAGGGGCAGGTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101142 representing YP_401682
 Red=Cloning sites Green=Tags

MFNMNVDESASGALGSSAIPVHPTASVRLFEILQKGKYAVVQQTIIYANLRNPGVFSRQVFTHLFRKRAIS
 HCTYDDVLHDWNKFEACIQKRWPSDDSCASRFRETFESWSTTMKLTVRDLLTTNIYRVLHSRVSLSYER
 YVDWICATGMVPAVKKPIITQELHSKIKSLRDRVCRELGHERTIRSIGTELYEATKEIIESLNSTFIPQF
 TEVTIEYLPRESDEYVAYYCGRRIRLHVLFPFAIFAGTVTFDSPVQRLYQNIIFMCYRLEHAKICQLLNTA
 PLKAIIVGHGGRDMMYKDILAHLEQNSQRKDPKELLNLLVKLSENKISGVTDVVEEFITDASNNLVDRNR
 LFGQPGETAQAQGLKKKVSNTVVKCLTDQINEQFDQINGLEKERELYLKKIRSMESQLQASLGPGGNNPAA
 SAPAAVAEAAASVDILTGSTASATEKLFNSPSASLGARVSGHNEILNSFVSQYIPPSREMTKDLTELWE
 SELFNFTFKLTPVVDNQQRLYVRYSSDTISILLGPFTYLVAELSPVELVTDVYATLGIVEIIDELEYRSSL
 LAIYIEDLGRKYCPASATGGDHGIRQAPSARGDTEPDHAKSKPARDPPPGAGS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_007605

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_007605.1, YP_401682](#)

RefSeq ORF: 1839 bp

Locus ID: 3783764

UniProt ID: [P03211](#)

MW: 68.5 kDa