

Product datasheet for **VC101145**

BBRF3 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BBRF3 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BBRF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101145 represents NCBI reference of YP_401685 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAGTTCTAAAAACGACACCTTTGTTTACCGACCTGGGTCAAGACGCTGGTGGTTACTTCGTCA
TGTTTCGTTATGAGTGCCGTCGTACCCATTACTGCCATGTTCCCTAATCTGGGGTACCCGTTACTTTAA
CGCGCTCGTTGACTATGGGGCTTTGAACCTGACTAATTACAACCTCGCACACCATCTCACTCCTACTCTT
TACCTGGAACCTCCTGAGATGTTCTGTACATTACACTCGTCTTCATTGCCGACTGTGTCCGATTTATT
ACTATGCATGCGGAGAGGTGGCCCTATTAAGGCTAGGAAAAAAGTGTCTGGATTGACGGACCTTAGCGC
TTGGGTTTCTGCCGTGGGCTCACCCACCGTTCTTTTCTGGCTATCCTCAAATTTGGTCCATACAGGTG
TTCATTACAGTGTGTCTATAAACATGTGTTTCTGAGTGCCTTTGTCTACTTTTGCACCTTTCTGGCCA
GTGTCTTGACGCCTGCGCATGTGTGACCCGTTCTCCCCAGTGTGGTGGTGAAGGCCAAGACAACCTC
CATACCCCAAGATACCTTTCTGTGGTGGTGGTATTCTATCTGAAACCAGTAGTCACTAACCTGTACCTG
GGGTGTCTGGCACTCGAGACACTGTCTCTCTGAGTGTTCCTGGCACTTGGGAACAGCTTTTATT
TTATGGTCGGCGACATGGTGCTTGGGGCTGTCAATTTGTTCTGATATTGCCATTTTTTGGTACATCCT
GACAGAGGTGTGGCTTGCCAGTTTCTGCGGCATAACTTTGGATTCTACTGTGGAATGTTCACTGCCTCT
ATCATTCTCATTCTCTCTGGTTAGATATGAGGCTGTTTTCGTCTCCGCCAAATCCATACCACAGTTG
CCATCAACGTGGCCATTATCCCAATTTGTGCAGCGTGGCCATGTTATCCGGATTTGTAGGATATTCAA
AAGCATGAGACAGGGAACCGATTACGTCCCTGTTAGCGAGACCGTGGAGCTCGAATTGGAAGCGAACCA
CGGCCAGACCTAGCCGGACCCCTAGCCCGGGCCGCAACAGAAGAAGATCTTCCACCTCCTCTAGCTCTA
GTCGCTCCACCAGACGGCAGCGCCGTCAGTACTCAAGCGCTGGTGGTGGTGTGCTGCTGCCTATGACAAC
CGATTAGAAGAGGAAATCTTTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



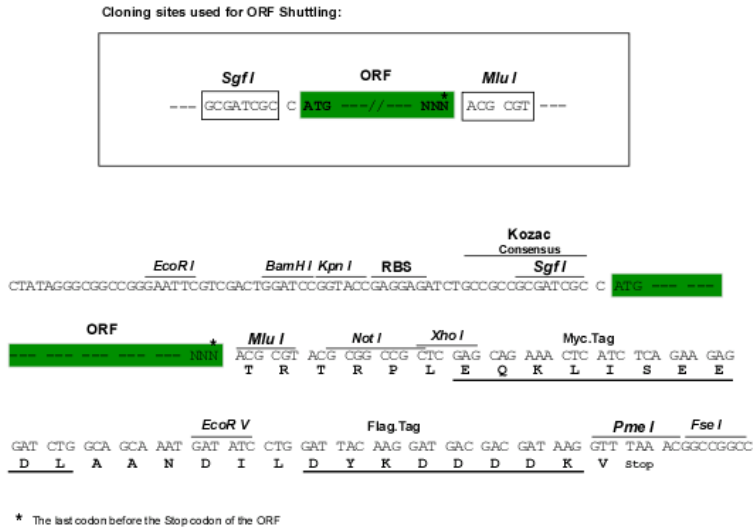
Protein Sequence: >VC101145 representing YP_401685
Red=Cloning sites Green=Tags

MKSSKNDTFVYRTWVKTLVVYFVMFVMSAVVPITAMFPNLGYPCYFNALVDYGALNLTNYNLAHHLTPTL
 YLEPPPEMFVYITLVFIADCVAFIYYACGEVALIKARKKVSGLTDL SAWVSAVGSPTVLF LA I L K L W S I Q V
 F I Q V L S Y K H V F L S A F V Y F L H F L A S V L H A C A C V T R F S P V W V V K A Q D N S I P Q D T F L W W V V F Y L K P V V T N L Y L
 G C L A E L T L V F S L S V F L A L G N S F Y F M V G D M V L G A V N L F L I L P I F W Y I L T E V W L A S F L R H N F G F Y C G M F I A S
 I I L I L P L V R Y E A V F V S A K L H T T V A I N V A I I P I L C S V A M L I R I C R I F K S M R Q G T D Y V P V S E T V E L E S E P
 R P R P S R T P S P G R N R R R S S T S S S S R S T R R Q R P V S T Q A L V S S V L P M T T D S E E E I F P

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_007605

ORF Size: 1215 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_401685](#)

RefSeq ORF: 1215 bp

Locus ID: 3783687

UniProt ID: [P03211](#)

MW: 45.8 kDa