

Product datasheet for **VC101024**

BFRF2 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BFRF2 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BFRF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101024 represents NCBI reference of YP_001129447 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACTCTTTCTTGCTAGACACAGCTGTCAAGAACCGGCGCAGGATGCCATGGCCGGGTCCCGCTC
 CGGACGTCAGTGAGGTCGACCTTACCCTCCAGGCGTTGGGCGAACCGGGCTTTTACGACTCCTCGATCT
 CGGCTCGCTTGCTCGACCTGAGCTACGTGGAGATGAGGGAATTTGTCGTGTGGGGGAGACCTCTGCA
 TCCGAGGCCGCGTGGCATCAACGCCCGGATCACTTTTTCAGATCACATTCCTCCGCTTATTGGTTGCTG
 AAGTGAACCGCCAGGCGGCTTGGTGGATGGGCAAGGTCAAAACATCCCCCTCCTCACTGACTTTGGC
 CCCCCACCTTGGTCCCTCTGCTTAGCCTGTCCGTGGTTACAGGAGGAGGTGTGGGCGAGTGGCTTTC
 TGCAATGCCTTTTCTGGCGTACTTTCTCGTAGTCCGCTCAGTTTTTCTGCCTTCAGTGACAGAATCG
 CAGCATGGATATGCGCTCAGTACCGTTTTGTGAAAACACCAGAGCAGTGGCTCGAGTTATCGCGTCT
 GGTGAAACGGTTTTCTGGCTTTTGTGTTTCGAGCGATCATCTATGACCCACCACTGCTCCGCCAAAATTC
 AGACCTGTAGAGCGGTGCTTGGCAATCAAGAACTACGTGCCCGGGCTTGATAGCCAGAGCTGTGTTACAG
 TTCCATCTTTTAGCCGCTGGGCTCAGTCTCATGCTCCGAACTGGACCCACGGGAGATAAGGGACCGAGT
 CACCCCGCCACAGCTCCAAGCTTTGTGGCCGATCATGCTCAGCACTGCTCGCTTCTTTCAGAAAAA
 GCAAGTGATACACCATGCGGTAACCCTATTCAGTGGATGTGGTATCGCCTCTTGGTCAACAGCTGCCTGA
 GAAGCGCTCACTGTTTGTGCTATCCCGCTGTGAGTGAAGGAGGGCGGAAGACCGGCGGAGGAGTGGG
 CGAAGATTTGGTGGGCGCAGGTGGCCCTTGCCCTAGTAGGGATGTCTTCTGGCTATCGTGTCCCGAAAC
 GTGCTGTATGCCTCTGAATGTTCCCGCTGCTGGCCAAAGGCCATACAAATGTTTTAGATCTCACGCTT
 CCAGACCAAGTGTCTGGTCTGACTATCCACCTCTGGCAGTGTCTGTATGGACTGTGGTACTGCCTCAA
 TTTTGGGAAACAACTGGGGTAGGAGGTAGACTGAATAGTTTTCCGACCGCACTGCAGTTTTACCCACGG
 GATCAAAGGAGAAGCACGTGCTCACTTCCACGCTAGTGGGCGGGTGTATTGCTCCAAGTGTGGAAGTG
 CCGCCGTGGGATGCCAGAGACTCGCGGAACCCCGAGCGCCGATCCGGGTGGAGACCCGAATCCGCGC
 TGTTCTTCCCATAACGCTGCCTATGAGCTGGATAGGGGTTCTCGCCTTCTTGATGCTATTATCCCATGT
 CTGGGACCAGACAGAACCTGTATGAGACCCGCTGACTGCGCGGGGTACAGTGCAGGAGCTGCTGTACC
 TCACACTGAGGACTGAGGCTCGGCTGTTTGTCTATTTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG
 GGACGAACCCATTTGTTTTCCAGTTGTCTTGGTGGAACTCCACCCGGGAGCGGTGCGCTGGCTGT
 AGACTTTATCAGACCAGATACGGGACGCTGCAGCACAGGCGCACCCACAGGAGAGGAGGAGGAGGAGGAG
 TTTCTAGGCAGTCTCCGGCTAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101024 representing YP_001129447
 Red=Cloning sites Green=Tags

MALFLARHTLSGTGAGCHGRGPAPDVSEVDLTLQALGERGFSRLLDLGLACLDLSYVEMREFVWGRPPA
 SEAAVASTPGSLFRSHSSAYWLSEVERPGLVRWARSQTSPPSLTLAPHLGPSLLSLSVVTGGGCGAVAF
 CNAFFLAYFLVVRVFPFSDRIAAWICAQSPFCENTRAVARGYRGLVKRFLAFVFERSSYDPLLRRQNS
 RPVERCFAIKNYVPLDSQSCVTVPSFSRWAQSHASELDPREIRDRVTPATAPSFVADHASALLASLQKK
 ASDTPCGNPIQWMYRLLVNSCLRSAHCLLPIPAVSEGGRTGGGVEDLVGAGGCLSRDVFVAIVSRN
 VLSCLLNVAAGPRAYKCFRSHASRPVSGPDYPLAVFCMDCGYCLNFGKQTGVGGRLNSFRPTLQFYPR
 DQKEKHLVTCHASGRVYCSNCGSAAVGCQRLAEPSPARSWWRPPIRAVLPHNAAAYELDRGSRLDAIIPC
 LGPDRTCMRPVVLRGVTVRQLLYLTLRTEARAVCSICQQRQAPEDARDEPHLFSSCLEVELPPGERCAGC
 RLYQTRYGTPAAQAHPPEAGGGFSRQSPAS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_009334

ORF Size: 1773 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_001129447](#)

RefSeq ORF: 1773 bp

Locus ID: 5176228

MW: 63.9 kDa