

Product datasheet for **VC101163**

BVRF1 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BVRF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BVRF1
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 VC101163 represents NCBI reference of YP_401703 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCTGTCTGGTCAGTCTCATCGACCCAGCTCGACTTCTAGAGATACCGCCCCGAGTTGATGT
GGGCTCCCTCTTTGCGCAATTCTCTTAGAGTCTCACCTGAAGCTCTGGAACCTCGCTGAAAGAGAAGCTGA
GAGAGCGCGCTCCGAGCGATGGGATCGCTGCGCTCAGGTGCTCAAAAACCGCCTCCTGAGGGTGGAACTC
GATGGCATTATGCGCGATCACCTGGCCAGGGCCGAAGAAATTCGACAGGATCTTGATGCAGTGGTTGCC
TCTCAGACGGCCTGGAGTCCATGCAGGTTTCGATCACCATCAACTGGAGGGCGGAGCGCCCCGCACCCCC
ATCACCTCTCCTGCACAGCCATTCACAAGACTGACTGGCAACGCCAGTACGCAGTGCAGTATCTACCA
ACAGATCCCCCTTATGGTGGCCGGATCACTGGCACAGACCCTGCTGGGGAACCTGTATGGTAACATAA
ACCAATGGGTACCATCTTTCGGGCCTTGGTACAGGACCATGTAGCTAACGCAATGCAGCGCCGCGTGT
CCCTAAACAGCTGCGCGCAATCTGAACCTTACCAATTCGGTTCAGTCTCAAGTTGATGACTGAAGTTGTT
GCCGTGCTTGAGGGTACAACCAAGACTTCTTCTCAGACGTGCGACACCTTCCCGATCTGCAGGCCGCAC
TGATCCTGTCCGTTGCCACCTCTTGTGCAGGGCGGAAGTTCACCACGAGCGCCCCCTCCAGCCAG
CAGGGAGGAGCTTCTGGAACCTCGGACGAGTCACTGGAAAAATAATTGCTGACCTGAAAGCAAAGTCT
CCAGGCGGGAATTCATGATCCTGACGCGGAAATAAGGAGGCAAGACAAAGTATTGCACCACTCAACC
GGCAAGCCGCTTACCCGCTGGGACATTCGCTGATAATAAAATCTACAATTTGTTGTTGGAGCTGGGCT
GTTGCCACAACGCGCCCTCAACGTGCCAGGGGCCGCGGACGGGATAGAGACCTCGTCTACAGAATA
GCTAATCAGATTTTGGTGAAGACGTACTCCGTTCTCAAGCCACCACTGGAACCTCCGGTTGGACTCG
CCGCACTCGAAGCTCTGATGTTGGTGTATACCCTGTGCGAAACCGCAAACTCTGGCGGAGGCTGCTACAAG
ACGGCTCCACCTGTCAAGCCTCTGCCAGGCCATGCAGCGCAGGAAGCCAGCAATGGCGAGCGTGGC
ATGCCTGGAGCCTATCCCGTCAAACCTCTGTTTCGGCATGGCGAGTTGTTTCGGTTCATCTGGGCTCACT
ATGTCAGACCAACCGTGGCCGCTGATCCTCAGGCAAGCATCAGCTCTCTCTTCCGGGCCTCGTGTGCT
GGCACTCGAACTGAAGTTGATGGATGGACAAGCCCATCACATTACGCCATTAATCTGACCGGTGAGAAG
TTCGACACCTCTTTGAGATAATTAACCAGAAGCTGCTGTTCCACGACCCCGCAGCCATGCTGGCCGCAA
GGACCCAGCTTCGCTGGCCTTCGAGGACGGCGTGGCGTGGCTTTGGGAGGCCCTCACCTATGCTGGC
AGCTCGGAAATTCGGAGCGACAGTTCTGTCATCTGATGACTACGATCGCCTGTATTTCTTACCTTG
GGTATTTGGCCAGCCAGTGGACCTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101163 representing YP_401703

Red=Cloning sites Green=Tags

MALSGHVLIDPARLPRDTGPELMWAPSLRNSLRVSPEALELAEREERARSRWDRCAQVLKNRLLRVEL
DGIMRDHLARAEEIRQDLDAVVAFSDLGLESQVRSPTGGRSAPAPPSPSPAQPFTRLTGAQYAVSISP
TDPPLMVAGSLAQTLGNLYGNINQWVPSFGPWYRTMSANAMQRRVFPKQLRGNLFTNSVSLKLMTEVV
AVLEGTQDFFSDVRHLPDLQAALILSVAYLLLQGGSSHQQRPLPASREELLELPESLEKIIADLKAKS
PGGNFMILTSGNKEARQSIAPLNQAAAYPPGTFADNKIYNLFVAGALLPTTAALNVPGAAGRDRDLVYRI
ANQIFGEDVPPFSSHQWNLRVGLAALMLVYTLCEANLAEATRRLHLSLLPQAMQRRKPAMASAG
MPGAYPVQTLFRHGELFRFIWAHYVRPTVAADPQASISLFPGLVLLALELKLMDGQAPSHYAINLTGQK
FDTLFEIINQKLLFHDPAAMLAARTQLRLAFEDGVGVALGRSPMLAAREILERQFSASDDYDRLYFLTL
GYLASPVAPS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_007605

ORF Size: 1710 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_401703](#)

RefSeq ORF: 1710 bp

Locus ID: 3783732

UniProt ID: [P03211](#)

MW: 62.5 kDa