

Product datasheet for **VC101076**

BVRF1 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BVRF1 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BVRF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101076 represents NCBI reference of YP_001129499 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCACTGAGCGGACACGTGCTGATTGATCCAGCCCGCTTCCACGCGACACAGCCCCGAATTATGT
GGGCTCCTTCTCTCAGAAATCCCTCCGGGTAAGTCCGGAGGCGCTCGAGCTGGCAGAGCGGGAGGCAGA
GAGAGCACGCTCAGAACGCTGGGATCGGTGCGCCAGGTTCTTAAGAATCGGCTTTTGGGGTAGAGCTC
GATGGAATCATGCGGACCATCTGGCACGGGCAGAAGAAATCCGACAGGACCTGGATGCAGTTGTGGCT
TCAGCGACGACTCGAATCAATGCAGGTAAGAAGCCCTCCACCGGCGCCGATCTGCACCAGCCCCCCC
CAGTCCCTCACCAGCTCAGCCCTCACAAGGCTGACAGGAAACCGCAGTATGCTGTAAGTATTAGCCCT
ACCGATCCTCCGCTGATGGTGGTGGGAGCCTTGGCAGACTCTCCTCGAAATCTCTATGGAAACATTA
ATCAGTGGGTCCCAAGCTTCGGTCCCTGGTACCGGACCATGAGCGCCAATGCAATGCAGAGGAGATTTT
CCCTAAGCAGTTGCGAGGTAACCTGAACTTCACGAATTCAGTCTCCCTGAAGCTGATGACGGAGGTCGTG
GCAATTCGAAGGTACGACCCAGGACTTTTTACGCGACGTTCCGCATCTCCCGATCTTTCAGGCCGCT
TGATACTTAGCGTCGCTACCTGCTTTCGAGGGAGGATCTTACACCAACAGCGGCTCTGCCGGCCAG
CCGCGAGGAACCTCTGGAGCTCGGGCCAGAGTCATTGGAGAAGATCATCGCAGACCTCAAAGCCAAGAGC
CCCAGCGAAACTTATGATCCTCACTTCTGGTAAATAAGAAGCCCGGCAGTCAATTGCGCTCTGAATA
GGCAGGCTGCCTACCTCCCGGACATTCGCGGATAATAAGATTTACAACCTGTTGTTGGTGGCGGCCCT
CCTGCCACCACTGCCGCCCTGAACGTGCCTGGTGGCAGTGGGACCGGGATCTCGTTTATAGAATT
GCTAACACAGATATTTGGCGAGGATGTTCCACCTTTTCTCACACCAGTGAACCTGAGGGTTGGCTTGG
CAGCATTGGAAGCTCTGATGCTGGTCTACACACTGTGCGAAACAGCAAACCTTGGCCGAGGCGCCACGAG
ACGACTTCATCTGAGTTCTCCTCCCAAGCCATGCAGCGACGCAAGCCGGCTATGGCAAGCGCCGGA
ATGCCAGGGGCTTACCCTGTCCAGACTCTGTTCCGGCATGGAGAACTTTTTCGCTTTATTTGGGCGCACT
ACGTGAGGCCACCGTGGCTGCAGACCCACAGGCTCTATCTTCTTGTTCACAGGCTGGTGTGTT
GGCACTGGAGCTTAAGCTTATGGATGGCCAGGCTCCAGTCACTATGCAATTAATCTGACTGGACAGAAG
TTCGACACTTTGTTTGGATCATCAACCAGAACTGCTTCCACGACCTGCCGCTATGCTTGTGCGA
GGACACAGTTGCGGCTGGCCTTTGAGGACGGAGTGGGAGTGGCTTTGGCCGACCTTCTCCATGCTCGC
GGCCCGGAAATCCTTGAGAGGCAGTTTCTGCAAGCGACGACTACGACAGGCTGTACTTCTGACCTG
GGTTACCTGGCCAGCCCGTGGCACCTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101076 representing YP_001129499

Red=Cloning sites Green=Tags

MALSGHVLIDPARLPRDTGPELMWAPSLRNSLRVSPEALELAEREERARSERWDRCAQVLKNRLLRVEL
DGIMRDHLARAEEIRQDLDAVAVFSDGLESMQVRSPSTGGRSAPAPPSPSPAQPFTRLTGAQYAVSISP
TDPPLMVAGSLAQTLGNLYGNINQWVPSFGPWYRTMSANAMQRRVFPKQLRGNLFTNSVSLKLMTEVV
AVLEGTQDFFSDVRHLPDLQAALILSVAYLLLQGGSSHQQRPLPASREELLELPESLEKIIADLKAKS
PGGNFMILTSGNKEARQSIAPLNRQAAYPPGTFADNKIYNLFVAGALLPTTAALNVPGAAGRDRDLVYRI
ANQIFGEDVPPFSSHQWNLRVGLAALMLVYTL CETANLAEATRRLHLSSLLPQAMQRRKPAMASAG
MPGAYPVQTLFRHGELFRFIWAHYVRPTVAADPQASISSLFPGLVLLALELKLMDGQAPSHYAINLTGQK
FDTLFEIINQKLLFHDPAAMLAARTQLRLAFEDGVGVALGRSPMLAAREILERQFSASDDYDRLYFLTL
GYLASPVAPS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NC_009334

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_009334.1, YP_001129499](#)

RefSeq ORF: 1710 bp

Locus ID: 5176157

MW: 62.5 kDa