

Product datasheet for **VC101164**

BVRF2 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BVRF2 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BVRF2
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 VC101164 represents NCBI reference of YP_401704 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTCCAGGCTCCTAGCGTATATGTCTGTGGATTGTGGAGAGGCCGTGACGCACCCCCAAAGACGCC
 GTTTGCACCTCGATCCACTCACTGTGAAGTCCCAGTTGCCCTGAAGAAGCCTCTGCCGCTGACAGTGGA
 GCACCTGCCCGACGCCCGGTCGGATCTGTGTTGGACTGTACCAGTCTCGCGCCGGTCTTTTTCTGCA
 GCGTCCATTACCTCAGGAGACTTCTCTCTGCTTGACTCTATATACCAGACTGCGATATTGCCCAAT
 CACAGAGGCTCCCTCTCCCCGAGAGCCAAAGGTGGAAGCCCTGCATGCTTGGCTTCTTCACTTAGTCT
 CGCCAGCTGCACCCGACATCCCGAAACAACCGCCGATGGCGGAAAGCTCTCTTTTTCGATCACGTC
 AGCATCTGTGCGCTTGGCCGGCCGAGGGACACTGCAGTGTACGGGACCGACTGGCATGGGTCTCTGA
 AACATTTCTCCGACTGGAGCCAGTATTGAGCCCAAAATAGAGAACGATGCCAATGCCGCTAAACGCGA
 AAGTGGTTGCCCGAAGACCACCCGCTGCCTCTGACCAAGCTCATCGAAAGGCCATCGATGCCGGCTTC
 CTTCGAAACCGGGTGGAGACACTTAGGCAGGATAGGGGTGTAGCCAACATTCCAGCTGAGAGCTATCTTA
 AAGCTTCTGACGCACCTGATCTTCAAAGCCCGACAAAGCACTGCAGAGTCCCCCCCAGCCTCTACCGA
 CCCGGCTACAATGCTGTCTGAAACGCTGGAGAGGGTGAACCTGCTTGTGGAGGCTCCGACGCTGCCGGC
 CAGGATCTGATTAGCGTCCCCGCAACACTTTCATGACTTTGCTTACAGCAATCTTGATAATAAACCTC
 CAAGACAACTCCTCTTCTTACGCCGCTCCTCTGCCACCTTTCAGCCACCAGGCTATAGCGACTGCCCC
 CTCATATGGCCCCGAGCTGGAGCTGTGGCCCCGCGGAGGATATTTACATCACCCGGTGGCTACTACT
 GCTGGCCCGCAGCGGAGACCCAGGAGCTTTTCTGCCATGGATGCCACACATACCCACACCCAC
 ATCCCCGCCAGCCTACTTCGGACTGCCCGCCTGTTTCGGCCACCCCCCCTGTCCCACCTATTATGG
 CTCCCATTGAGGGCTGATTACGTACCGCCCCCTCTCGTCCAAACAAGCGAAAGCGGATCCCCAAGAA
 GACGAAGAAGGAGGCGCCTTTTCCCGGTGAAGATGCTACCCTTACAGGAAGGACATCGCAGGCTTA
 GTAAGTCAGTCAACGAGCTCCAACACACTGCAGGCATTGAGACGGGAGACTGTCTTATGGCCACAC
 TGGGGTAGGGTACTGCCACAGCAGGGCCTTGTACCCACAGTGGACCTTATGGATTCAGCCTCAC
 CAGTCTACGAAGTGCCAAGATATGTACCCACCCACCTCCCCACCAACATCACACCAGGCAGCGCAGG
 CCCAGCCTCCACCGCCAGGAACCAAGCTCCAGAAGCCACTGCGTCGCCGAATCTACCATTCTGAAGC
 TGGGGCCGCTGGGAATAGCGGCCCCCGGAAGACCAATCCACAGCAGCCACCACTGAGGGCCATCAT
 AGGGGTAAAGAACTCGTGCAGGCCTCCGCTCAGGGGTGCTCAAAGTAAAGAACCACCACTCCCAAGG
 CAAAGTCTGTGAGTGCTCATCTGAAGTCAATCTTCTGTGAAGAACTGCTTAATAAAGGGTGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101164 representing YP_401704
 Red=Cloning sites Green=Tags

MVQAPSVYVCGFVERPDAPPKDACLHLDPLTVKSQLPLKKPLPLTVEHLDPAPVGSVFLYQSRAGLFS
 ASITSGDFLSLLDSIYHDCDIAQSQRLLPLPREPKVEALHAWLPSLSLASHLPDIPQTTADGGKLSFFDHV
 SICALGRRRGTTAVYGTDLAWLKHFSLEPSIAAQIENDANAARKRESGCPEDHPLPLTKLIAKAIDAGF
 LRNRVETLRQDRGVANIPAESYLKASDAPDLQKPKALQSPPPASTDPATMLSGNAGEGATACGSSAAAG
 QDLISVPRNTFMTLLQTNLDNKPPRQTPLPYAAPLPPFSHQAIATAPSYGPGAGAVAPAGGYFTSPGGY
 AGPAGGDPGAFAMDHAHTYHPHPHPPAYFGLPGLFGPPPPVPPYGGSHLRADYVPAPSRSNKRKRDP
 DEEGGLFPGEDATLYRKDIAGLSKSVNELQHTLQALRRETL SYGHTGVGYCPQQGPCYTHSGPYGFQPH
 QSYEVPRYVPHPPPPPTSHQAAQAQPPPGTQAPEAHCVAESTIPEAGAAGNSGPREDTNPQQPTTEGH
 RGKLLVQASASGVAQSKEPTTPKAKSVSAHLKSI FCEELLNKRVA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_007605

ORF Size: 1815 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_401704](#)

RefSeq ORF: 1815 bp

Locus ID: 3783733

UniProt ID: [P03211](#)

MW: 64.1 kDa