

Product datasheet for **VC101029**

BORF2 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BORF2 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BORF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101029 represents NCBI reference of YP_001129452 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCACCACCTCCACGTCGAGCACGAAGTCTGAGTAAAGTTGATCGACGAGCTGAAAGTTAAAGCCA
ACTCTGATCCAGAAGCAGATGTGCTCGCCGGTAGGTTGCTGCATAGGCTTAAAGCTGAGAGTGTCACCCA
TACCGTGGCCGAGTACCTTGAAGTTTTAGTGATAAAATCTATGATGAGGAATCTTCCAGATGCATAGG
GACGAATTGGAGACTCGCGTGTCTGCCTTCGCCCAATCCCCGCATACGAAAGGATTGTTTCATCTGGAT
ACTTGAGTGCCTCAGGTATTACGACACCTACTTGTATGTAGGACGCTCCGAAAGCAAGAAAGTGTACA
GCATTTCTACATGAGGCTTGCCGGTCTGTGCATCCACTACTTGTCTGTATGCTGGGCTGCGGGCCGCT
CTGCAGCGGGCAAGGCCGAAATGAGAGTGATATGGAGTCTTCGATTATTACTTTGAGCACCTCACAT
CTCAGACCGTGTGCTGCTCAACTCCCTTATGAGATTCGCGGAGTGGAAAATTCTACACTTGCCTCATG
TATACTACCACTCCCGATCTGTCAAGCGAATGGGACGTAAACCAAGCCCTTTATCGCCATTTGGGCCGA
TATCTTTTTAGCGCGCCGGTGTAGGGTAGGTTACAGGCGCAGGGCAGGATGAAAAACATATCTCTC
TGCTTATGCGCATGATCAATAGCCACGTTGAGTACCACAACACTACGGCTGCAAGCGGCCCGTGGAGCTGGC
CGCCTACATGGAACCTTGGCATTACAAATATTTAAGTTCCTGGAACCAAGCTGCCTGAGAATCATGAG
CGCTGCCCCGGTATATTTACAGGGTTGTTGCTGCTGAGCTCTTCTTCAAGCTGTTTCGCGACACCCCTT
GGTCTGATTGGTATCTGTTCGATCCTAAGGATGCCGGTACTTGGAAACGGCTTACGGAAGAATTTGA
AAGAGATACTACCGACTGGTGACCGCTGGCAAATCTGCGGAGGGTGAATATCAAAGTCTTATGTTT
AGTATAGTAAACTGTGCAGTAAAGGACGAGTCCCTTTATCTCTCTCAAAGAAGCCTGCAACGCACATT
TCTGGCGGGACCTTCAGGGGGAGGCGATGAATGCAGCTAACTTGTGCGCGAAGTTTTGCAGCCGAGCAG
GAAATCTGTAGCCACCTGTAACCTCGCCAAATCTGTCTGCCTGCTGTCTCGTGAATGCCCACTCGCA
GTTTCGAGCCAAAGGCGAGACACACAAGGAGACGAATTGCTGCTTGTCTGCCACGACTGTCTGTAACCC
TGCCCGCGGAGGGGGCTGTGGGGACGGGTTTTCCCTGGCGAGGCTCCGAGATGCAACACAGTGCACAAC
CTTTGTTGTCGCTTGTCCATCTGCAGGGCAGCCCCACCTATGACTCCCGGATATGGCCAGTATGGGC
CTCGGCGTGCAGGGCTCGCAGATGTGTTGCTGACCTGGGCTGGCAATACACTGATCCACCTTCTCGGT
CCCTGAACAAGGAAATCTTGAACACATGATTTCACTGCCCTGTGTACCTCATCTGTATCGGTCTGCA
TACCCGGAAGATCTTCCAGGCTTCAAGCAATCAAATACGCGGGAGGCTGGTTTATTGGCATGACTGG
GCTGGAACGGACCTCAGTATCCGAGAGAAATATGGAGCAGGCTGTCCGAACGAATCGTACGGGACGGCC
TGTTTAATAGTCAGTTTATTGCACTCATGCCGACGCTGGCTGTGCCAGGTGACTGGTTGTTCCGATGC
GTTCTATCCCTTCTACGCAAATGCTAGTACTAAGGTGACAAACAAAGAAGAAGCTCTGAGGCCAAATAGA
TCCTTTTGGCGGCACGTAAGATTGGATGACCGCGAGGCATTGAACCTGGTGGCGGGCGGGTATCATGTC
TTCCCGAGGCACTCAGGCAGCGCTACTTGCCTTCCAGACCGATTTGACTATAATCAGGAGGACCTGAT
CCAGATGTCAAGAGACCGCGCCCTTTGTGACCAATCTCAATCACACAGTTTGTCTGAGAGAAGAG
GATGCGGCAAGAGCCAGTACCTGGCAAACCTCCTGGTGGCTCCTACGAGTTGGCCCTTAAGACTATCA
TGTATTATTGCAGAATCGAAAAGCCCGGATCTTGGCGTGTGGAGTGTAAAGCCTCTGCTGCATTGTC
CGTTCCAGGGAAGAGCAGAACGAGAGATCTCCAGCAGAGCAGATGCCTCCAAGGCCATGGAACCCGCT
CAGGTGGCCGGCCAGTGGACATCATGAGCAAAGGACCAGGTGAGGGACCCGGTGGCTGGTGTGTCGGG
GCGGTTTGAAGTGTGCTACAAGTACCGGACGCTGTTTAGTGAAGACGATCTGCTGGAAACCGACGGATT
CACAGAGAGGGCCTGTGAGTCTGTGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101029 representing YP_001129452
Red=Cloning sites Green=Tags

MATTSHVEHELLSKLIDELKVKANSPEADVLGRLHRLKAESVTHTVAEYLEVFSDFYDEEFFQMR
DELETRVSAFAQSPAYERIVSSGYLSALRYDYTYLVGRSGKQESVQHFYMRLAGFCASTTCLYAGLRAA
LQRRARPEIESDMEVFDYYFEHLTSQTVCCSTPFMRFAGVENSTLASCILTPDLSEWDVTQALYRHLGR
YLFQRAGVGVGTGAGQDGKHSLLMRMINSHVEYHNYGCKRPVSAAYMEPWHSQIFKFLETCLPENHE
RCPGIFTGLFVPELFFKLFRTDPWSDWYLFDPKDAGDLERLYGEEFEREYRVLVTAGKFCGRVSIKSLMF
SIVNCAVKAGSPFILLKEACNAHFWRDLQGEAMNAANLCAEVLQPSRKSVAATCNLANICLPRCLVNAPLA
VRAQRADTQGDELLALPRLSVTLPGEGAVGDGFSLARLRDATQCATFVVACSIHQGSPYDSRDMASMG
LGVQGLADVFDLWQYTDPPSRSLNKEIFEHMYFTALCTSSLIGLHTRKIFPGFKQSKYAGGWFHWDW
AGTDL SIPREIWSRLSERIVRDGLFNSQFIALMPTSGCAQVTGCSDAFYPPFANASTKVTNKEEALRPNR
SFWRHVRLDDREALNLVGGVRSCLPEALRQRYLRFQTAFDYNQEDLIQMSRDRAFPVDQSQSHSLFLREE
DAARASTLANLLVRSYELGLKTIMYYCRIEKAADLVMECKASAALSVPREEQNERSPAEQMPPRPMEPA
QVAGPVDIMSKGPGGPGWCVPGGLEVCYKYRQLFSEDDLLETGDFTERACESCQ

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_001129452](#)

RefSeq ORF: 2478 bp

Locus ID: 5176186

MW: 93.0 kDa