

Product datasheet for **VC101140**

BKRF4 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BKRF4 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BKRF4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101140 represents NCBI reference of YP_401680 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCATGTTTCTTAAGAGCCGGGGAGTAAGGTCTTGTCGGGACAGGCGCCTGCTTAGCGACGAGGAGG
AAGAGACCTCCCAATCCTCTTCTATACGCTGGGTTCTCAGGCTTCTCAGAGCATCCAGGAAGAGGACGT
AAGCGATACGGACGAGTCCGACTACTCCGATGAGGATGAGGAGATCGACCTTGAGGAAGAGTACCTTTCT
GACGAAGACCCGTCCGAGGGAAGTGATTCCGATCCAGTTGGCATCCATCTGACAGCGATGAATCAGATT
ATTCCGAGAGCGACGAAGACGAGGCCACCCCTGGATCTCAGGCTAGCCGAGTTCAAGGGTAAGTCCCAG
CACACAGCAGAGTAGCGGTTGACGCCCCACCCAAAGTTTTAGTCGGCAAGAAGTACAGCCCCACCAAGG
CCCCCTGCTCCAGCTCCTGTACGCGGGCGAGCAAGTGCTCCTCCCCGGCCACCTGCTCCAGTGCAGCAGT
CCACTAAAGATAAGGGACCACACCGGCCACTCGCCCTGTCTCCGGGGCCAGCTCCAAGGAGACCACC
ACCGCCATCCTCACCCAACACGTATAACAAGCACATGATGGAGACAACCTCACCCATTAAGGGCAATAAT
AATTACAATTGCCTTGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101140 representing YP_401680
 Red=Cloning sites Green=Tags

MAMFLKSRGVRSRDRRLLSDEEEETSQSSSYTLGSQASQSIQEEDVSDTDES DYSEDEEIDLEEEYPS
 DEDPSEGSDDPSWHPSDSESDYSEDEDEATPGSQASRSSRVPSTQQSSGLTPTPSFSRPRTRAPPR
 PPAPAPVRGRASAPPRPPAPVQQSTKDKGPHRPTRPVLRGPAPRRPPPPSSPNTYNKHMMETTPPIKGN
 NYNWPWL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_007605

ORF Size: 651 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_401680](#)
RefSeq ORF: 651 bp
Locus ID: 3783712
UniProt ID: [P03211](#)
MW: 24.0 kDa