

## Product datasheet for **VC101162**

### **BXRF1 (NC\_007605) Virus Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BXRF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BXRF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101162 represents NCBI reference of YP_401702 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGACCCCACTAGAGGCCTGTGCGGTTGAGCACTCATGACCTGGCGAAGTTTCACAGCCTGCCCCCG  
CGAGGAAGGCTGCTGGCAAAGAGCGCATCTCAGATGCTACTCCAACCTGCTGAGCCTGAAGTCTGGGA  
ACAGCTGGCGTCATTCTGTCTTTGCCCGGGCCTACCTTTACGGATTCAGACTCTTTTTTGAGGTG  
ACGCTGGCAGACGGATAGCCGACTGTGCTAGTGGCCCTCAACCCTATCCGAGATGTTACATCGTAG  
AATTCAAACGGCAATGTCTAACACCGCAATCCGAGTCTGTGACACGGAAGGCCAGAGGCTTGAAGG  
CACTGCTCAACTGTGACTGCGCTAACTTTTTGAGAACTAGCTGTCTCCAGTCTTGGGTAGCCAGGGC  
CTCGAGGTGTTGGCTGCACTCGTGTCAAGAACCAACGCTCTCTGCGAACGCTCCAAGTGGAGTCCCAG  
CGCTCGGCCAGAAGACTCCCACCTCTACAACAGGACTTCTCAACCTGCTCAGCCGATGGCAGGATGG  
CGCACTTCGCGCAAGACTTGACAGGCCAAGACCCACCGCTCAGGGCCATCGACCACGAACTCATGTAGGA  
CCTAAGCCATCTCAGTTGACCGCTAGAGTACCTCGGAGCGCCGAGCCGGCAGAGCAGGCGGTGCAAGG  
GACAGGTAGGCGCCGTGGGCAGGTCTGCCAGGAGCTCAAAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101162 representing YP\_401702  
Red=Cloning sites Green=Tags

MDPTRGLCALSTHDLAKFHSLPPARKAAGKRAHLRCYSKLLSLKSWEQLASFLSLPPGPTFTDFRLFFEY  
 TLGRRIADCVVVALQPYPRCYIVEFKTAMSNTANPQSVTRKAQRLEGTAQLCDCANFLRTSCPPVLGSQG  
 LEVLAALVFKNQSLRRTLQVEFPALGQKTLPTSTTGLLNLLSRWQDGLRARLDRPRPTAQGHRPRTHVG  
 PKPSQLTARVPRSARAGRAGGRKGQVAVGQVCPGAQK

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_007605

**ORF Size:** 744 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\\_401702](#)  
RefSeq ORF: 744 bp  
Locus ID: 3783743  
UniProt ID: [P03211](#)  
MW: 27.1 kDa