

## Product datasheet for **VC101159**

### **BTRF1 (NC\_007605) Virus Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BTRF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BTRF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101159 represents NCBI reference of YP_401699 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCAAATGCAAGCAACCCGGCGCTAGGTTTATACACGGAGCTGTTACCTGCCTTCCGGACAGATAG  
TTTTCCACACGATTACAGCCCCGACCCTCGTAGCGCACTCGGACTCCCTGGTGAGAATGTCCCCATCCC  
CGCTCTGTTTAGGGCATCCGGCCTGAACGTGCGAGAATCACTCCCATGACCAATATCGGGCGCCCAT  
ATTTCACTGGCCAGATTGATCTTGCCCCCAACCCTTATATACTGGAGGGACAGCTCACAGTGGGCATGA  
CGCAGGACAATGGTATCCCCGACTGTTTCGCCAGACCAGTGATTGAGGTAAGGCGGACCAGAGTCCAA  
TATCAAAGCCTCTTCACAACTTATGATCGCCGAGGACTCTTGCCGAACAGATTGCACCGTTCTCAGCT  
TCTGAACACCCGGCCTTTTCTATGGTCGAGTCCGTGAAACGGGTCAGGGTAGATGAAGGAGCAAACACC  
GAAGAACCATTAGGGATATCCTGGAAATCCCACTGACTGTCTGAGTTCTCTCCAGCTTTACCCACTAA  
GTCCATTCTGAAAAAGCCCTGAGCCTCCTCCCCCGAACCGCAGGCTACCTTTGATGCTACACCATAT  
GCTAGGATCTTTATGACATCGGCCGACAAGTCCCAAGCTCGGGAATGCGCCCGCGGCCAGGTTTCCA  
ACGTGCTGATCGGAATCGCTCTACAATTCTCTGCGCTTGGTGCCAAACCCAGACCTGCTTCTCTTCA  
ACACCTGTACCTCAAGCACGTAGTGTGAAATCCCTCAACTTGAAAACATAGTACAAGATTTTGAGGCC  
ATCTTCACATCCCCCTCAGACACTATTAGCGAGGCCGAAACTAAAGCATTGAGAAGTTGGTGGAGCAAG  
CTAAGAATACAGTTGAGAATATTGTCTTTTGCCTGAACTCAATCTGCTCAACATCCACTTCTCCAGACGT  
GGTACCCGATGTGAATAATCAAACATTTCTCTCGCACTGGAGAAGTACTTCTGATGTTTCTCCATCT  
GGAACCATCATGAGAAACGTGAGTTTCGCCACCCCATAGTGCGGCTGCTGTGTCAGGGAGCCGAACTCG  
GGACAATGGCCCAATTTCTCGCAAATACATCAAGGTCAAAAAAGAGACCGGCATGTACACCCTGGTCAA  
ATTGTATTACCTTCTGCGGATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



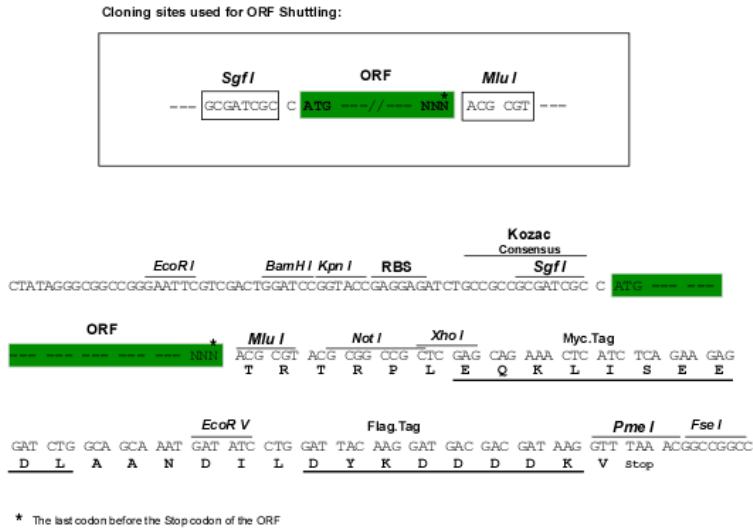
**Protein Sequence:** >VC101159 representing YP\_401699  
Red=Cloning sites Green=Tags

MLKCKQPGARFIHGAVHLPSTQIVFHTIHSPTLASALGLPGENVPIPALFRASGLNVRESLPMNTMRAPI  
 ISLARLILAPNPYILEGQLTVGMTQDNGIPVLFARPVIEVKSGPESNIKASSQLMIAEDSCLNQUIAPFSA  
 SEHPAFSMVESVKRVRVDEGANTRRTIRDILEIPVTVLSSLQLSPTKSILKKAPEPPPPPEQATFDATPY  
 ARIFYDIGRQVPKLGNAFAAQVSNVLIANRSHNSLRVLPNDLLPLQHLYLKHHVVKSLNLENIVQDFEA  
 IFITSPSDTISEAETKAFEKLVQAKNTVENIVFCLNSICSTSTLDPVVPDNNPNISLALAEKYFLMFPPS  
 GTIMRNVRFATPIVRLLCQGAELGTMAQFLGKYIKVKKETGMYTLVKLYLLRI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_007605

**ORF Size:** 1212 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\\_401699](#)

**RefSeq ORF:** 1212 bp

**Locus ID:** 3783770

**UniProt ID:** [P03211](#)

**MW:** 44.3 kDa