

## Product datasheet for VC101184

# BGLF3.5 (NC 007605) Virus Tagged ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** BGLF3.5 (NC\_007605) Virus Tagged ORF Clone

Tag: Myc-DDK
Symbol: BGLF3.5
Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >The Viral ORF clone VC101184 represents NCBI reference of YP\_401724 with codon

Sequence: optimized for human cell expression
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

AGTCGCGATCCTGGGCTCTTTGGTGAAGGGGATTGCCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101184 representing YP\_401724

Red=Cloning sites Green=Tags

MKMSSSKRDLVAQQLRASVEKRAAVSARDRFGRDHALFETQFTSARGALESLRHARETFESKQLISTYQR VVTATKTQFPKINYKQLERVEELREQELEARDELRQALEPFEEHGCEYGCGVEPDELLQQWRVECLPRTP

SRDPGLFGEGDCH

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: <a href="https://cdn.origene.com/chromatograms/ja1927">https://cdn.origene.com/chromatograms/ja1927</a> h06.zip

**Restriction Sites:** Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

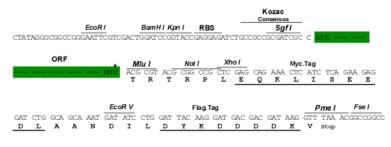
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NC\_007605

ORF Size: 459 bp

**OTI Disclaimer:** 

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.

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 401724

RefSeq ORF: 459 bp



## BGLF3.5 (NC\_007605) Virus Tagged ORF Clone - VC101184

 Locus ID:
 3783766

 UniProt ID:
 P03211

 MW:
 17.7 kDa