

Product datasheet for **VC101063**

BGLF1 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BGLF1 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BGLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101063 represents NCBI reference of YP_001129487 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGTGCACATCGATAATCAAGTGTGAGTGGCTTGGCACTCCCTTCTTGTTCATCTGTTTGTGC
 CAGATACAGTGTAGTGGCCAACTGTGCCCTAATCGGGTCCCTAATTGTGAGGGTGTCTGGTCCAGACACT
 TTTTTCCGACAGGACCGCCTGACACGAGTGTGCCGCTCTTGTGCGCGCGGAATGCTGCCCGGTGCA
 CCAAGCCACAGAGGGACTTTCACTAGTGTGCTGTGTACTGCGAGGAAGGCCTCCAGAGCTGTACAACC
 CCTTTCACGTGGCTGCTCTTAGATTTTACGACGAGGGAGGACTGGTTGGCGAACTGCAGATACTACCT
 GAGTCTTTTTGAGGGAGCTAACCGCCTTACTGACGGTACCTTATACGAGAGCAAGCGGGTTCAG
 GAGTCCGCGCGCCATGCAACCCATCCCGATTGACCCCGACCTCCCGTGGGGCCGGGATCGAGCACA
 TGCCAATGGCTGCAGCACAAGTGGAGCACCAAACTTACGACCTGAAGCAGATTTTGTGAAATAAC
 TCAGGAGGAGAATCGAGGTGAGCAGCGCCTGGGCCACGCGGGTTACCTGCATTGTGCTTGGGATTGAGG
 CTCCGAGCGGGCCAGAGACCAAGGCTGCAGCTGAGACATCTGTCTCAAAGCACCATCTGCTCTGAAA
 ATCCCTCTAATATCCGCGGGAGCGCAGGCGCGCAAGGTGGTGGAGGCCGGCAGGCACTGGTGAACAGT
 TGGAGTCGGTCTGGCGCACTCTCCAGAGTCCAGTCACTTTTCAAGACTAGGAGAGCTATACGAGAG
 AGTAGAGCGCTGGTTCGGGGTATTGCCACATCTTAGCCACATGCTCTCTACGTGGTACATATCCTG
 AGCTGTCCGCCAGGGCAGACTGCATCGGATGACCGCTGTGACCCAGCTTCCCGCTACAGATCTTGC
 AGAAGTCAGTATCCTGGCGCTCCTGAACGGGAGTTTCGCTTCTATAAGCGTTGCCCTGAGAATTAGC
 GCCTCTTCCCGGAGAAGCTGGCAATGCAAGCTGGACAGCCAGCAAGAGATTCCAGTGGTATTCTTA
 CCTCTTATCCCGCATTATAAAAAATTCTGATCTGATTGCGGAAGCATTTCCTGTACAAACAAGAGT
 CAGTTGGGAGAGTTGTTGGGTGAAAGCAATTAGCAACGCCCAAAGACACCCGATGCATGCCTGTGGATT
 GACTCCCATCCACTGTATGAGGAAGCGCCTCCGCTTGGGGCAAGGTGATTGATAGCAGACCTCCTGGT
 GTCTGGTGGGGCAGCCAGTCAACTGGTCGCCCTCGAACAGACGGTCATTGCGTGCACCTGGCTACCAC
 TTCTGACGGTCAGGCCTTCTGGTCTCCAGCGGCTTCGTAATTAAGGGACAGCTGGCGCTGACTCCC
 GAAGAAAGGGGTACATTCTGCACGGCATGGAATTAGGGCAGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101063 representing YP_001129487
 Red=Cloning sites Green=Tags

MDVHIDNQVLSGLGTPLLVHLFVPDVTMAELCPNRVPNCEGAWCQTLFSDRTGLTRVCRVFAARGMLPGR
 PSHRGTFTSVPVYCEEGLPELYNPFHVAALRFYDEGLVGELQIYYLSLFEKAKRALTDGHLIREASGVQ
 ESAAMQPIPIDPGPPGGAGIEHMPMAAAQVEHPKTYDLKQILLEITQEENRGEQRLGHAGSPALCLGLR
 LRAGAETKAAAETSLSKHPALENPSNIRGSAGGEGGGGRAGTGGTVGVGSGALSRVPVFSKTRRAIRE
 SRALVRGIAHIFSPHALYVVTPELSAQRLHRMTAVTHASPATDLAEVSIILGAPEREFRLFISVALRIS
 ASFREKLAMQAWTAQQEIPVVIPTSYSRIYKNSDLIREAFFTVQTRVSWESCWVKAIKSNPKTPDACLWI
 DSHPLYEEGASAWGKVIDSRPPGGLVGAASQLVALGTDGHCVHLATTSQGAFVLPGGFVIKQLALTP
 EERGYILARHGIRREQ

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_009334

ORF Size: 1518 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_009334.1, YP_001129487](#)

RefSeq ORF: 1518 bp

Locus ID: 5176151

MW: 54.4 kDa