

Product datasheet for **VC101070**

BcLF1 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BcLF1 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BcLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101070 represents NCBI reference of YP_001129493 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCTAACGAGGGGGTGGAAAATCGGCCTTTCCCTATCTCACTGTCGACGCGGATCTCCTTTCCA
ACTTGCCAGAGCGCAGCTGAAGGCCTCTTTCATTCTTTGACCTGCTGGTGGGAAAAGATGCAAGGGA
GGCTGGAATCAAATTTGAAGTTTTGCTCGGGTTTACACAAATGCGATTTCAGTATGTGAGATTTCTTGAG
ACCGCTCTGGCTGTGCTTTCGCTTAATACTGAGTTTAAAGATCTGAGCAGAATGACCGAGGAGATAC
AGTTTAGAATTAGCGTGCCTACCATAGCACACGGCGATGGCAGAAGGCCCTCAAAGCAGCGCACCTTCAT
CGTGGTGAAGAACTGTCACAAACACCATATTTCCACCGAGATGGAAGTGAAGTATGCTGGATCTCGAGATA
CTGCACTCCATTCCAGAAACCCCGTCGAGTATGCCGAATACGTTGGAGCAGTAAAAACAGTTGCTAGCG
CCCTCCAGTTTCGGTGTGACGCACTCGAGAGAGGACTTATAAACACAGTGTGTCAGTGAAGCTCAGACA
CGCACCACCCATGTTTATTGACGACTGGCGGATCCGACTTTCACGGAGAGAGGATTTAGCAAGACC
GTGAAGAGCGATCTTATCGCCATGTTCAAGCGCCACCTCCTTGAGCACAGCTTCTCCTGGATAGAGCTG
AGAATATGGGGTCTGGTCTCACAAATACGTACGATCTCGCTGAGCGAGATGGTTCAGCCGTGTCAGG
TGAAGCGTGCTGAAGGGCGTCTACTTACACAACGCAAGGGTGGCGAACCCGTCGGAGGGGTGTTT
ATCGTAACCGACAATGTGCTGCGCCAGCTGCTGACCTTCTTGGTGAAGAGGCTGATAACCGAGATCATGG
GTCCCTCCTCCTATGCCAGCTTTGTTGTTAGGGGCGAGAACCTCGTAACTGCTGTGTCCTATGGTAGGGT
GATGCGAACATTGCAACTTTCATGGCCAGGATTGTGCTGATTCTCCGAGAAAAGCCGGATCAACCAAGTCC
GACTTGCTGCTGTTGCCGAGGCGTGGAGATCAGCCAGGGTGCCTATATCTGCCCGCTGATTAAC
TGGGGAATCATGCTGTTGCTGTGGAGTCCCTGCAAAAGATGTATAATGACACTCAATCCCCTACCCACT
GAACAGGCGAATGCAGTACAGCTATTACTTTCTGTGGACTGTTTCATGCCTAACCTAAGTACACTACA
AGTGGCGGTATAAAGATGCTTGACAATCCACCCAGCAACTGCCTGTGGAGGCATGGATCGTTAATAAAA
ATAACCTGCTGCTCGCCTCAATCTCCAGACGCACTCAAAGTCTTGTGTCACCCCTCCATACACC
TGCCACACCCTTAATCCCTGAATGCTGCACCCGCTCCGAGAGACCGAAGGGAAACTTACAGTCTGCAA
CATAGGAGACCCAACCACATGAACGTCCTTGTATCGTGGATGAGTTCTATGACAACAAGTACGCTGCAC



[View online »](#)

CAGTTACAGACATTGCACTTAAGTGTGGGCTTCCAACAGAGGATTTCTGCACCCCTCTAATTACGACCT
 CCTTCGCCTGGAGCTCCATCCTCTTTACGATATATACATCGGACGGGACGCCGGCAAAGGGCTCGGCAC
 AGAGCTGTGCATCGCCTGATGGTGGGAATTTGCCACACCCCTGGCCCCAGCGGCTTCCAGGAGGCCA
 GAGGACAGCAATTTGAGACCGCCACCAGCCTGGCACACGTCGTAGACCAGGCTGTAAATCGAAACGGTGCA
 GGATACAGCATATGATACCGCTACCCGGCCTTTTTATGTTGTGGAGGCCATGATCCACGGTTTCGAG
 GAAAAGTTCGTGATGAACGTTCCGCTGGTCTCTCTTTGCATCAACACATACTGGGAAAGAGCGGGACGGC
 TTGCCTTCGTAATAGCTTCAGCATGATTAAGTTCATCTGCCGACACCTCGGCAACAACGCTATATCCAA
 GGAGGCCATTCCATGTACAGGAAGATTTACGGTGAACGATTGCCCTCGAGCAAGCCCTCATGCGACTC
 GCCGGCTCAGACGTTGTTGGCGACGAGTCCGTTGGCCAATACGTTTGTGCACTGCTTGATCCCAACCTGC
 TTCCACCCGTGGCTTATACGGACATCTTACCACCTGCTTACTGTGAGTGATCGCGCCCCCAAATTAT
 CATAGGAAATGAGGTTTACGCCGACACACTGGCCGCGCCCGATTTCATCGAAAGGTTGGGAACATGGAT
 GAGATGGTGCTCAGTTTGTGGCCTCTACGGCTACCGCGTCAATGGAGATCATGACCATGACTTCCGAC
 TGCATCTGGCCCTTACGTGGACGAAGGACACGGGATGTTGGAAAAAATATTTACTACGTCTTCT
 GCCACATGTACCAACGCGCATATGTGCGGGCTGGGTGTAGATTTCCAGCACGTGGCTCAAACCTCGCA
 TACAATGGCCCGCTTTAGCCACCATTTCACTAGGGATGAGGATATTCTGGATAACCTTGGAAACGGCA
 CTTTGAGAGATCTTGGAGATCAGTGATCTTCGACCGACCGTAGGCATGATACGCGATCTGAGTGCCTC
 CTTTATGACTTGTCCAACCTTACTAGAACCGTGCGGGTGAGCGTGGATAATGATGTAACCCAGCAGCTG
 GCTCCTAACCTGCTGATAAGCGCACGGAGCAGACAGTCTGGTTAACGGGCTGGTGGCCTTCGCTTCA
 GCGAGCGAAACCCGCGCAGTGACCCAGTGTCTGTTTACGCGATCCCATCCACATGTTCTACGGAGACCC
 TCGCGTCGCCGCAACCATGCACCAGGATGTGGCAACTTTTGTGATGCGGAATCCGAGCAGCGGGCTGTG
 GAAGCATTCAACCGACCAGAGCAACTTTTCCCGAGTACAGGGAGTGGCACAGGTCCCAATGGGCAAGT
 ACGCCGCTGAGTGTCTTCCCTCCTTGGTGAATCTCAGGGATGACCGCAATGCATATCAAGATGAGCCC
 CATGGCGTACATTGCCAGGCGAAATTTGAAGTCCACCCCGAGTGGCTATGACGGTAGTTAGAAGTATG
 GATCCTGAGTGAACACATACTGTTCTCTCCCGGGCCTCAACAAGTATGTTTCATCGGGACCCCAACG
 TGAGTCGCGGGAGGCAAGAGTTGACGCAGTAACGTTTGGAGTACACCACGAAATGGCAAGCATAGACAC
 TGGGCTGTCTATTCTTCCACAATGACACCTGCGCGGTAGCCGCCATCACAACGACATGGGCATTTCAT
 ACACAGGATTTCTTTCTGTTTTTCCCGCCGAGGCCTTCGGGAATCAGCAGGTCAATGACTATATTAAG
 CAAAAGTAGGAGCGCAGCGAAACGGTACTCTGCTGCGGGACCCCGGACTTACCTCGCCGGCATGACCAA
 CGTTAACGGAGCACCTGGACTGTGTCATGGACAGCAGGCCACTTGCAGAAATCATTGTCACCCAGTCACT
 GCAGATGTCGCTACTTCAAAGTCAAACCTCCACGCGGCAGAGCTGCTTGCCTGTTTCTTCTGCGAAA
 ACTACAATCAAGAAGTGGCCGAAGGGCTGATTTATGATCACAGCCGACCCGATGCTGCCTATGAATATCG
 GAGTACCGTAAACCTTTGGGCATCTCAGCTGGGGAGCCTGGGAGATATCATGTATAACTCAAGCTATAGG
 CAGACAGCTGTGCCAGGTCTGACTCTCCATGTGCGCTTTCTTTAAACAAGGAGGAACTGCTGCGGAATA
 ACCGGGGACTCTACAATATGGTCAACGAATACTCCAGAGGCTGGGCGGGCACCCCTGCTACTAGTAATAC
 AGAGGTCAAATTTGTAGTGATCGCCGGGACCGAGTGTCTTGGAAACAACCTGCTCATTCTGCAGGAG
 GCATTCGCCCGCTGTCCGAAGCAGTCGGGCTCTGATAGACGAGTTCATGTCCGTGAAACAGACCCACG
 CCCCCATCACTATGGACACTATATCATTGAGGAGGTAGCACCCGTGAGACGAATTCTCAAGTTCGGCAA
 CAAGTTGTGTTT

ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101070 representing YP_001129493
 Red=Cloning sites Green=Tags

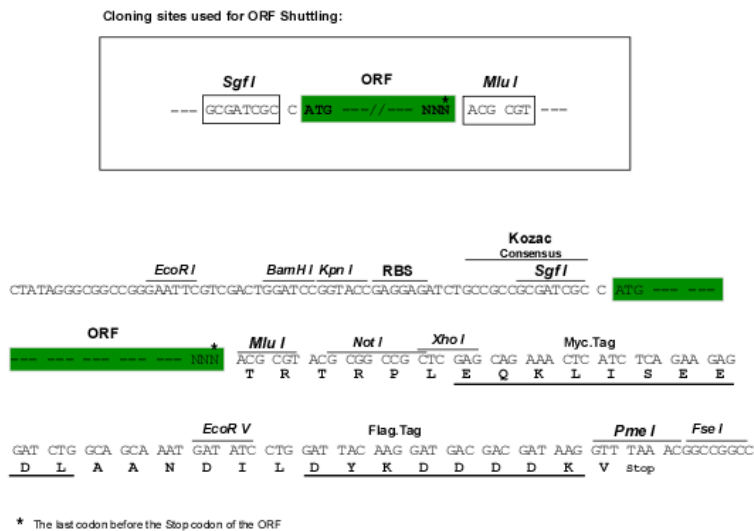
MASNEGVENRPPPYLTVADLLSNLRQSAAEGLFHSFDLLVGKDAREAGIKFEVLLGVYTNAIQYVRFLE
 TALAVSCVNTFEKDLSRMTDGGIQFRISVPTIAHGDGRRPSKQRTFIVVKNCHKHHISTEMEL SMLDLEI
 LHSIPETPVEYAEYVGVAVKTVASALQFGVDALERGLINTVLSVKLRHAPPMFILQTLADPTFTERGF SKT
 VKSDLIAMFKRHLLLEHSFFLDRAENMGSGFSQYVRSRLSEMVAAVSGESVLKGVSTYTTAKGGPEVGGVF
 IVTDNVLRQLLTFLGEEADNQIMGPSSYASFVVRGENLVTAVSYGRVMRTFEHFMARIVDSPEKAGSTKS
 DLPVAAGVEDQPRVPI SAAVIKLGNHAVAVESLQKMYNDTQSPYPLNRRMQYSYFPVGLFMPNPKYTT
 SAAIKMLDNPTQQLPVEAWIVNKNL LLLAFNLQNALKVLC HPR LHTPAHTLNSLNAAPAPRDRREYSLQ
 HRRPNHMNVLVI VDEFYDNKYAAPVTDIALKCGLPTEDFLHPSNYDLLRLELHPL YDIYIGRDAGERARH
 RAVHRLMVG NLP LAPAAEQEARGQQFETATSLAHVVDQAVIETVQDTAYDTAYPAFFVYVEAMIHGFE
 EK FVMNVPLVSLCINTYWERAGRLAFVNSFSMIKFCRHLGNNAI SKEAYSMYRKIY GELIALEQALMRL
 AGSDVVGDES VGGYVVCALLDPNLLPPVAYTDIF THLLTVSDRAPQIIIGNEVYADTLAAPQFI ERVGNMD
 EMAAQFVALYGYRVNGDHDHDFRLHLGPYVDEGHADVLEKIFYVYVFLPTCTNAHMCGLGVDFQHVAQTLA
 YNGPAF SHHFTREDEDILDNL ENGLRDLEI SDRPTVGMIRDLSASFMTCTPTTRTVRVSV DNDVTQQL
 APNPADKRTEQTVLVNGLVAF AF SERTRAVTQCLFHAIPFHM FYGDP RVAATMHQDVATFVMRNPQQRAV
 EAFNRPEQLFAEYREWHRSPMGKYAAECLPSLVISGMTAMHIKMSPMAYIAQAKLKIHPGVAMTVVRTD
 EILSENILFSSRASTSMFIGTPNVSRREARVDAVTFEVHHEMASIDTGLSYSSTMTPARVAAITTDMGIH
 TQDFFSVFPAEAFGNQQVNDYIKAKVGAQRNGTLLRDPRTYLAGMTNVNGAPGLCHGQQATCEIIVTPVT
 ADVAYFQKSN SPRGRAACV VSCENYNQEAEGLIYDHSRPAAYEYRSTVNPWASQLGSLGDI MYNSSYR
 QTAVPGLYSPCRAFFNKEELLRNNRGLYNMVNEYSQRLGGHPATSNTEVQFVVIAGTDVFL EQPCSF LQE
 AFPALSASSRALIDEFMSVKQTHAPIHYGHYIIEEVAPVRRILKFGNKVVF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_009334

ORF Size: 4143 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:	<ol style="list-style-type: none">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_001129493
RefSeq ORF:	4143 bp
Locus ID:	5176226
MW:	153.9 kDa