

## Product datasheet for **VC101156**

### **BDLF1 (NC\_007605) Virus Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BDLF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BDLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101156 represents NCBI reference of YP_401696 with codon optimized for human cell expression <b>Red</b> =Cloning site <b>Blue</b> =ORF <b>Green</b> =Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCTCAAGGTCGTGGTCAGCCTTAGTCCCGGCTGTATACAGACGAAATTGCAAAAATGCAGCAGA  
GAATCGGTTGCATCCTGCCACTTGGCTACCCACGGGACACAGAATGTACAAGGCTTGGGCTTGGCCA  
GGTCTACAGTCTCGAAACTGTCCCGACTACGTGAGTATGTATAATTACCTGTCGACTGCCTCTCGCC  
GTCTTGGATGAAGTTAGCGTTGACTCACTGATCCTCACCAAGATTGTGCCTGGACAGACCTACGCTATAA  
AAAATAAGTACCAGCCATTCTTTCAATGGCACGGCACAGGGTCCTTGAGCGTGATGCCGCCAGTTTTCGG  
TCGGGAACATGCCACAGTTAAACTGGAGAGCAACGACGTCGATATAGTATTTCCCATGGTCTGCCACA  
CCTATCGCTGAAGAGGTCCTTCAAAGATCCTGCTGTTAATGTATATAGTAGGGTTGTCATGCAAGCCC  
CTGGGAACGCGGATATGCTTGACGTACACATGCACCTGGGGTCAGTGTCATACCTTGGTCATCATTATGA  
GCTGGCACTGCCGAGGTGCCAGGTCGGCTTGGGCTGGCATTGCTGGATAATCTCTCTCTATTCTGC  
ATCATGGTCACATTGCTCCGCGCCCTCTATGAGGCTGGTTCGCGGTCTGATTCGCCACGAGCACCATG  
ACCTTCTGAACCTTTCCAGGAGATGGTTCCTGATGAGATCGCGAGGATTGATTTGGACGACCTGAGCGT  
GGCCGACGATTTGTCTGAATGAGGGTCATGATGACCTACCTGCAGAGCCTGGCTCCCTGTTAACTG  
GGTCCCAGGCTGGCTACAGCAGCTACTCTCAGAAACCCTGACTGCTACTTGTGGCTTAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101156 representing YP\_401696  
Red=Cloning sites Green=Tags

MDLKVVVSLSSRLYTDEIAKMQQRIGCILPLASTHGTQNVQGLGLQVVSLETVPDYVSMYNYLSDCTLA  
 VLDEVSVDLILTKIVPGQTYAIKNKYQFFQWHGTGSLVMPVPVFGREHATVKLESNDVDIVFPMVLP  
 PIAEEVLQKILLFNVYSRVVMQAPGNADMLDVHMHLSVSYLGHYELALPEVPGPLGLALLDNLSTLYFC  
 IMVTLLPRASMLRVRGLIRHEHDDLNLFQEMVPDEIARIDLDDLSVADDLSRMRVMYTLQSLASLNL  
 GPRLATAAYSQETLTATCWLR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_007605

**ORF Size:** 903 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\\_401696](#)  
RefSeq ORF: 903 bp  
Locus ID: 3783692  
UniProt ID: [P03211](#)  
MW: 33.6 kDa