

Product datasheet for **VC101155**

BDLF2 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BDLF2 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BDLF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101155 represents NCBI reference of YP_401695 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTGACGAGCAGGTGGCAGTGAACATGGCACTGTATCCCACACTATCAGCCGCGAGGAAGACGGTG
TTGTGCATGAACGCCGGGTATTGGCCTCCGAGAACGGGTCGAGGTATTCTACAAGGCCCCCGCACCAAG
GCCGCGGAGGGAAGAGCCAGTACCTTTTCATGATTTCACTGTCCGCGCTGCCGTGCGGTTCCCGGTCCC
GAACCTGAACCTGAGCCCCACCACCTATGCCGATCCATGCGAACGGGGGAGGGGAAACCAAGACCAATA
CCCAGGATCAAAATCAAAACCAGACTACTCGAACCCGAACAAACGCCAAGGCGGAGGAGCCACAGCTGA
AATGGACGATACTATGGCTTCTAGCGGGGACAGAGGGGGCTCCAATCAGCGCCGACCTGCTGTCTCTC
TCTAGCCTGACAGGCCGGATGGCTGCTATGGCTCCTTCTTGATGAAGAGCGAGGTCTGCGGGGAGAGGA
TGAGATTCAAGGAGGATGTGTATGATGGCGAAGCCGAAACCTTGCTGAGCCTCCCGGTGCTTCATGCT
GTCTTTTGTATTTATTTACTGTTGCTACCTCGCTTCTGGCACTGCTTGCCTTCGGCTTCAATCCC
CTTTTCTGCCTTCTTTATGCCGTTGGCGCTAAAGTGTGAGGGGTAAGGGGAGGACTTTGGGGTGC
CGCTGTCTACGGCTGCCCACTAATCCCTTCTGTAAGTGTATACTCTGATCCCCGAGTAGTTATCAA
CAATGTTACATATTACCCAAACAACACAGACAGCCACGGGGACATGGAGGGTTCGAGGCCGCTGCCCTT
CATGTGCGAGCCCTTTTGAATCCGGATGCCCAACCTCCAGGCAGTGACCAACAGAAATCGCACTTTCA
ATGTGACCAGGGCGTCCGGCAGAGTGGAGAGGAGGCTCGTGCAGGACATGCAAAGGGTCTGGCTTCTGC
CGTTGTTGTGATGCATCACCCTGCCATTACGAGACCTATTATGTCTTTGACGGTGTAGGCCCGGAATTT
GGAACGATTCTACCCCTTGCTCAAGGACGTGTTGGCATTACAGCCCTCCCTGGTCACTAACTGTACAG
CCCCGTTGAAAACAAGTGTAAAGGACCAAACTGGAGCGGAGCCGAGGGGGATGAAGAGGAAACAGTG
CCGGGTGGACAGATTGACGGATAGATCATTCCCGCATACCTGGAGGAGGTGATGTACGTGATGGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >VC101155 representing YP_401695
Red=Cloning sites Green=Tags

MVDEQVAVEHGTVSHTISREEDGVVHERRVLASGERVEVFYKAPAPRPREGRASTFHDFTPAAAAVPGP
 EPEPEPHPPMPIHANGGGETKNTQDQONQNTTRTRTNAKAEERTAEMDDTMASSGGQRGAPISADLLSL
 SSLTGRMAAMAPSWMKSEVCGERMRFKEDVYDGEAETLAEPPrCFMLSFVFIYYCCYLAFLLAFGFNP
 LFLPSFMPVGAkVLRGKGRDFGVPLSYGCPTNPFCKVYTLIPAVVINNVTYYPNNTDSHGHHGGFEAAAL
 HVAALFESGCPNLQAVTNRNRTFNVTRASGRVRRRLVQDMQRVLASAVVMHHHCHYETYVYFDGVGPEF
 GTIPTPCFKDVLAFRPSLVTNCTAPLKTSVKGNWWSGAAGGMKRKQCRVDRLTDRSFPAYLEEVMYVMVQ

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_007605

ORF Size: 1260 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_401695](#)

RefSeq ORF: 1260 bp

Locus ID: 3783693

UniProt ID: [P03211](#)

MW: 46.2 kDa