

## Product datasheet for **VC101263**

### UL83 (NC\_006273) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL83 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL83
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101263 represents NCBI reference of YP\_081531 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGAGCCGGGCGCGGTGCCCGAAATGATCAGCGTGCTGGGACCAATTTCCGGCCATGTGCTCA  
AAGCCGTGTTTAGCCGGGAGACACTCCCGTCCTGCCCATGAAACCAGACTGCTCCAGACCGGCATCCA  
CGTGAGAGTGAGCCAACCCTCCCTGATCCTCGTCAGCCAATACACCCCGACAGCACACCCTGCCATCGG  
GGCGACAATCAGCTGCAGGTGCAGCACACTTATTTACCGGAAGCGAGGTGGAGAACGTACGCGTGAACG  
TGCACAACCCACCGGGCGGAGCATTGGCCCTCCAGGAGCCCATGTCCATCTACGTGTACGCCCTGCC  
CCTGAAGATGCTGAACATCCCATCCATCAACGTGCACCACTATCCTTCCGCCCGCAACGGAAGCATCGG  
CACCTCCCGTCGCCGACCCGTGATCCACGCCAGCGCAAGCAAATGTGGCAGGCCCGGTGACCGTGA  
GCGGCCTGGCCTGGACCCGGCAGCAAAACCAAGTGAAGGAGCCTGACGTGTACTACACAAGCCCTTCGT  
CTTCCCAACCAAGGACGTGCGACTGCGGCACGTGGTGTGCGCCACGAGCTCGTCTGTTCCATGGAAAAC  
ACCAGAGCCACCAAAATGCAAGGTGATTGGCGACCACTACGTGAAGGTGTACCTGGAGTCTTCTGCGAGG  
ACGTGCCCTCCGGGAAGCTTTCATGCACGTGACCCTGGGCAGCGACGTGGAGGAGGACCTACCATGAC  
CCGGAACCCAGCCCTTATGCGGCCACGAGCGGAACGGCTTACCCTGCTGTGCCAAGAATG  
ATCATCAAGCCCGGAAGATCAGCCACATCATGCTGGAGTGGCTTTACCAGCCACGAGCACTTCGGGC  
TGCTCTGCCCCAAGTCCATCCCCGGCTCAGCATCAGCGGCAATCCTCATGAACGGCCAGCAGATCTT  
CCTGGAGGTGCAAGCCATCCGGGAGACCGTGCAGCTGCGGCAGTACGATCCCGTGGCCGCCCTGTTCTTC  
TTCGACATCGACTGCTCCTGCAGCGGGCCCAATACAGCGAGCACCCACCTTACCAGCCAGTACC  
GGATTCAGGGCAAGCTCGAGTACCGGCACACTGGGACCGGCACGACGAGGGCGCCCGCCAGGGAGACGA  
CGACGTGTGGACCAGCGCTCCGACAGCGACGAGGAGCTCGTGACAACCTGAGCGGAAGACCCCGGGT  
ACCGGGCGGGGCCATGGCCAGCGCCAGCACCTCCGCCGCGGAAACGGAAGAGCGCCAGCAGCGCTA  
CCGCTGCACCGCCGGCGTGATGACACGGGGCGGCTGAAGGCCGAGAGCACCGTGGCCCCGAGGAGGA  
CACCGACGAAGACTCCGACAACGAAATCCACAACCCCGCCGTCTTACCTGGCCCCCTGGCAAGCCGGC  
ATCCTCGCCCGAACCTGGTCCCATGGTGCACCGTGCAGGGGCAAAATCTGAAGTACCAGGAGTTCT  
TTTGGGACGAAACGACATCTACCGGATCTTCGCCGAGCTGGAGGGCGTGTGGCAGCCCGCCGACAGCC  
CAAGAGACGGCGCACCGGCAGGACGCCCTGCCGGCCATGCATCGCCAGCACACCCAAGAAGCATAGA  
GGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101263 representing YP\_081531

Red=Cloning sites Green=Tags

MESRRRCPEMISVLGPISGHVLKAVFSRGDTPVLPHETRLQLTGIHVRVSQPSLILVSQYTPDSTPCHR  
GDNQLVQHTYFTGSEVENVSVNVHNPTRGSICPSQEPMSIYVYALPLKMLNIP SINVHHYPSAAERKHR  
HLPVADAVIHASGKQMWQARLTVSGLAWTRQONQWKEPDVYYTSAFVFPKTDVALRHVVCACHELVCSMEN  
TRATKMQVIGDQYVKVYLESFCEDEVPSGKLFMHVTLGSDVEEDLTMTRNPQPFMRPHERNGFTVLCPKNM  
IIKPGKISHIMLDVAFTSHEHFLLCPKSIPGLISGNLLMNGQQIFLEVQAIRETVELRQYDPVAALFF  
FDIDLLLRGPQYSEHPTFTSQYRIQKLEYRHTWDRHDEGAAQGGDDVWTSGSDSDEELVTTERTPRV  
TGGGAMASASTSAGRKRKSASSATACTAGVMTRGRLKAESTVAPEEDTDESDNEIHNPAVFTWPPWQAG  
ILARNLVPMVATVQGQNLKYQEFFWDANDIYRIFAELEGVWQPAAPKRRRRHRQDALPGPCIASTPKKHR  
G

**TRTRRLEQKLISEEDLAANDILDYKDDDDKV**

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja2113\\_c12.zip](https://cdn.origene.com/chromatograms/ja2113_c12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_006273

**ORF Size:** 1683 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\\_006273.2, YP\\_081531](#)

**RefSeq ORF:** 1683 bp

**Locus ID:** 3077579

**MW:** 62.9 kDa