

Product datasheet for **VC101223**

UL33 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL33 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL33
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101223 represents NCBI reference of YP_081492 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACAATCATCCACAACACTACCAATCGGAGCACTGATACTCCGCATGTTAATATCACGTGTAATA
TAACCGAACCACTGAGCGCTATCAGAACCACCGAGGCGGTCAATAACTTTTCATAATCTTCGTTGGGG
GCCTCTGAATGCGATCGTTCTCATTACTCAGTTCTCACCAACCGGTCCTGGGCTATAGTACACCTACA
ATTTATAGACTAACCTGTACTCTACTAATTTCTCACCTTACTGTACTGCCATTTATCGTCTCTCTA
ACCAGTGGCTCCTTCTGCATCCGTGGCATCATGCAAGTTCTGAGTGAATATACTATAGTAGTTGCAC
GGTGGGCTTCGCGACAGTGGCTCTGATCGCCGCTGACCGGTATAGGGTCTGCACAAACGGACCTATGCA
CGACAGAGTTATAGGAGTACTTATATCATCCTCCTGCTGACTTGGTTTGCTGGTCTTATCTTCTCAATGC
CCGCGCGGTGTACAACTGTCGTTATTCATAACGGAACAAACGGACAAAGCAGTAATGGACATGCCAC
CTGCGTCTGTATTTATAGCCGACGAGGTGTACACCGTCTTCTGAGTTGGAAGGTCTGTTGACGCTG
GTGTGGGGGCGAGCTCCGGTGATCATGATGACCTGGTTCTACGCATTCTTCTATAGCACAGTACAAAGG
CCAGTCAGAAACAGAGATCACGGACACTCACTTTCGTTAGCGTCTCTTATTTCTTTGAGCTTTGCA
GACTCCCTACGTGAGCATCATGATTTTCAACAGTTACGCAACGGCTGCCTGGCCTATGGATTGTGAGCAC
CTGACCCTTAGGAGGACCATCGGACCCTCTCTCGGCTCGTTCGCCATCTGCATTGCCTGATTAATCCTA
TCTGTATGCACTCCTGGGACACGACTTCTCCAACGGATGAGACAATGCTTTAGAGGGCAGCTGCTGGA
CAGGAGAGCGTTTTTGGCGAGCCAAACAAAGAGCTACAGCTGAGACCAACCTCGCCGAGGAAAT
AATAGTCAGTCCGTTGCCACATCCCTCGACACTTCTCCAAGAACTGTAATCAGCACGCCAAGCGGAGTG
TCTCCTTAACTCCCGAGTGGAACCTGGAAGGTGGACAGAAAACCGGAGTAACGACACATCAACGAA
GATACCTACCGGCTTAGCCAATCTCATATAACTTGAGCGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



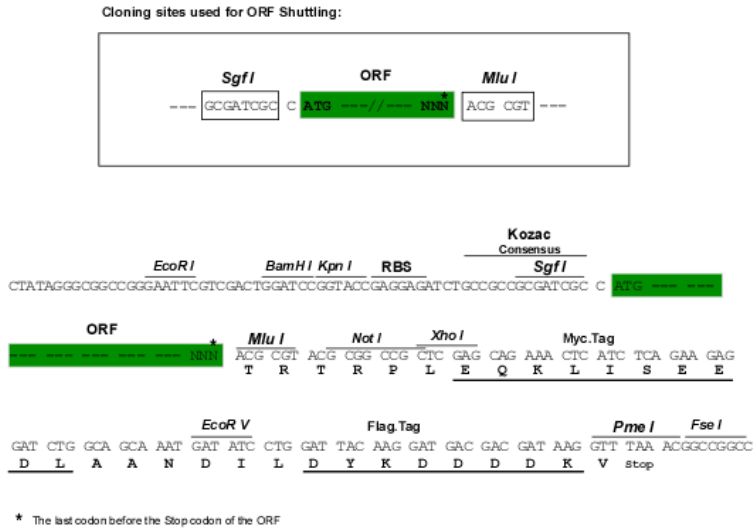
Protein Sequence: >VC101223 representing YP_081492
 Red=Cloning sites Green=Tags

MDTIIHNTTNRSTDPHVNITCNITEPLSAIRTTEAVINTFIIIFVGGPLNAIVLITQLLTNRVLGYSTPT
 IYMTNLYSTNFLTTLVLPFIVLSNQWLLPASVASCKFLSVIYYSSCTVGFATVALIAADRYRVLHKRTYA
 RQSYRSTYIILLTWFAGLIFSMPPAAVYTTVVIHNGTNGQSSNGHATCVLYFIADEVYTVLLSWKVLLTL
 VWGAAPVIMMTWFYAFFYSTVQRASQKQRSRTLTFVSVLLISFVALQTPYVSIMIFNSYATAAWPMDCEH
 LTLRRTIGTLSRLVPHLHCLINPILYALLGHDFLQMRQCFRGQLLDRRAFLRSQQNQRATAETNLAAGN
 NSQSVATSLDTSSKNCNQHAKRSVSNFNPSTGKWKGGQKTASNDTSTKIPHRLSQSHHNLSGV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 1236 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_081492](#)

RefSeq ORF: 1236 bp

Locus ID: 3077468

MW: 46.1 kDa