

Product datasheet for **VC101281**

UL103 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL103 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101281 represents NCBI reference of YP_081549 with codon optimized for human cell expression Red =Cloning site Blue =ORF Green =Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAGGCCCTGATGATCCGGGGCGTGCTGGAGGTCCACACCGACTTCACCCGGCAAACGTCATGATCA
TGGAGCCTCAGGTGCTGGACTTCACAGTGCAGGGGGACAAGCTGTGGCTGCACACCGAGCACGGCCTGCT
GGTGTCCATGGCCGAGTACCGGAGCGAGCTCCTCTGCACACCGCCTTCTGGGCTACTCCGCCGCTCTT
CTGCTCGAGACCGAGGACGCCGTGACCCAGGTGCGGCTGAGCGACCTGCGGCTGAAGCATCGGTGCCGCA
TCGTGAAAGCCGACAACCTGCTCCAATTCGCCCTGTGCACCGTGATCAGCTGCGTCAAAAACCTGCAACCT
GACCCGGAAGTGCTGCACGACCTGCTGCAGTACCTCGACGCCGTCAACGTGCGGGAGTCCCTCGGCCGG
CTGCTGCACACAGCGCCCGCGGCTGATTTGCAGCGCTCTACCTGCTGTTTCGAGGAGAAGGAGCCCC
ACATTGTCCAGTACGTGCCCGCCACCTTCGTGCTCTTCCAGCAGACCCGGCACACCTGCCTGCAGCTCGT
CGCCCGTTTTTCTTCCGGCTCACCGCCAGGACGAGGCACATAGCTTACGCTGAAGCTCACCGAGCGG
AAGACCGTGGACGGTGGCCGTGGGCTGGGCTGCTGGACGTGCTCAACGCAAATATCCCAACCTGC
CCAGCCCCCAAGCTCCCTCCCGGTGGGAGCGGGCGAGGAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101281 representing YP_081549
Red=Cloning sites Green=Tags

MEALMIRGVLEVHTDFTRQNMIMEPQVLDFTVRGDKLWLHTEHGLLVSMAEYRSELLCTSAFLGYSAVF
 LLETEDAVTQVRLSDLRLKHRGIVKADNLLHFALCTVISCVENCNLTRKCLHDLQYLDVAVNVRESFGR
 LLHHSARRLICSAlyLLFEEKEPHIVQYVPATFVLFQQTRHTCLQLVARFFFRLLTGQDEAHSFSLKLT
 RTVDGWPVGLGLLDVNLNANYPNLPSPPKLPPRWERGE

TRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 747 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_081549](#)
RefSeq ORF: 747 bp
Locus ID: 3077559
MW: 28.6 kDa