

## Product datasheet for **VC101282**

### UL104 (NC\_006273) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL104 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL104
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101282 represents NCBI reference of YP\_081550 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGAGAAACCACTGGAACGAAAAGTCCAGCGGCGCTAAGCGGAGCCGGGAGAGACCTCACCTGT  
CCACCATCCGGTCCATCCTGGCTGCCGATGAGCGGCTGAGAATCAAGCTTCCAGCTACCTCGGCGTCGG  
CCGGGGCGTGGACGATGAAGCAGTCATCGACATTTTTCCACCGGCCAAACCATGAGCTTCTCCGGCTC  
CTGCACGGGTTTCTGGGCACCTGCCGGGGCCAAAGCATGCACCAAGTCTGAGAGACCCCTCGTGCTGC  
GGAAGCAGCTGCTACGGGGTGTGCAAGACCCTTTCGACACCATCACCGTGCGGAGAGTGGCAGAGGA  
GTGGAAGCTGCACGCCGCCCTGTTCCCTACGGGCACTGGACGAGGAGGACCTCGAGCAATACCTCCTG  
GTGTGGTCCGCATCCCTCGGCAGAGCGTGCAGACTGGAGTCTGGGAGCCCTCGGGATATTCTCTATC  
AGTACGCCGACAACGATGATTACGGCCTGTACGTCGATTGGTGGTGACCGTCGGACTGGTCCCTCCT  
CGACGTGAAGACCAAGCCTTCCGAGGCTGCTGAACGGGCACAGTTGTCCGGGCCCGCTGCAGCGGGCA  
ACCGAGACCCATCCCCTGGCACAGGACCTCCTCAAGCCAATCTCGCCCTGCTGCTGCAGGTCGCCGAGC  
GGCTGGGCGCCGTCGGATCGCCAACGCCCCCGAGGTCGGGTGTTCAAGAAAAGTGGGAGCGAGCGGCT  
GGAGGCACAGCTCCGGGGCAAGCACATCCGGCTGTACGTGGCAGCCGAGCCCTGGCCTACGAACGGGAT  
AAGCTGCTCTTACCACCCCGTGGCCACCTGCACGAGGAGATCCTGCGGTACGACGGGCTGTGCCGGC  
ATCAGAAGATCTGCCAGTGTGAACACCTTCCCGTCAAGGTGGTCACCGCCTCCCGGCATGAGCTCAA  
CTGCAAGAAGCTCGTGGAGATGATGGAGCAGCAGATCGGGGAGCGACGCCAAGAAGTCCATCATGAAG  
TTCTGCTCAACGTGAGCGACTCAAGAGCCGGATCGGGATCGAGGACAGCGTCGAGAGCTTCTCCAAG  
ACCTCACCCCGCCTGGTCGATCAGAACAGACTGCTCCAGCACGGGGGCCCGCGGCCCGGGTGGT  
CGGACCTGGCGGAGCTGTGTCGGGGGGCCCGCAGGCCAGTCCGGCTGCTGCCCCACCACCCGGCCCC  
GCCGCCCCGAGCGGGACATCCGGGATCTGTTCAAGAAGCAGGTGATCAAGTGCCTGGAGGAGCAGATCC  
AGAGCCAGGTGGACGAGATCCAGGACCTGCGGACCCTGAACCAGACCTGGGAAAACCGGGTGGGGAGCT  
CCGGGACCTGCTCACCCGGTATGCAAGCCGGCGGGAGGACTCCATGAGCCTCGGCGCCGGGACGCAGAG  
CTGTACCACCTCCCGTGTGTCGAGGCCGTGCGGAAGGCCCGGGACGCCGACCCTCCGGCCCTCGCCG  
TGGAGGACAACCGGCTCGTCGCCAACAGCTTCTCAGCCAGTTCGTGCCCGCACCGAAAGCCTGGAGCG  
GTTCTGACCCAGCTGTGGGAAAACGAGTACTTCAAGAACCTTCCGGCTGCGGAGACTGGTACCCACCAG  
GGC GCCGAGGAGGCCATCGTGTACTCCAACACCGTCGAGCGGGTACCCTGCCCTACCTGTGCCACA  
TCTGGCCCTCGGCACCCTGGATCCAGTGCCCGAGGCCTACCTCCAACCTGTCTTCCGGCAGATCGTCGC  
CGCCGCCCTACGACGACAGCAAGTCTGCCGGTACGTCGAGCTGATCTGCAGCCGGGAAAAGGCACGGCGG  
CGGCAGATGAGCCGGGAGGCCCGCGGGGGTGCCGAGAGAGGCACCGCCAGCAGCGCGGGCCCGGAA  
CCCTGGAAGATCCGCACCCCGCGGCTGATCACTGCCGACGAAGAACGGCGGGGGCCCGAACGGGTGGG  
CGGTTCCGGAACGGCGGGCCCGACGCCACGGCGGGCAGGGGGGCCATACGGGTTCCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC101282 representing YP\_081550  
Red=Cloning sites Green=Tags

MERNHWNEKSSGAKRSRERDLTLSTIRSILAADERLRIKASSYLVGVRGVDEAVIDIFPTGQTMSFLRL  
 LHGFLGTCRGQSMHQVLRDPCVLRKQLLYGVCKTLFDTITVRRVAEEWKLHAALFPYRALDEEDLEQYLL  
 VWSASLRQSVQTVGLGALRDILYQYADNDYGLYVDWCVTVGLVPLLDVKTKPSEAAERAQFVRAAVQRA  
 TETHPLAQDLLQANLALLLQVAERLGAVRIANAPEVRFKVRSERLEAQLRGKHIRLYVAAEPLAYERD  
 KLLFTTPVAHLHEEILRYDGLCRHQKICQLLNTFPVKVVTASRHELNCKKLVEEMEQHDRGSDAKKSIMK  
 FLLNVSDSKSRIGIEDSVESFLQDLTPSLVDQNRLLPARGPGPGVVGPGGAVVGGPAGHVGLLPPPPGP  
 AAPERDIRDLFKKQVIKCLEEQIQSQVDEIQDLRTLNTWENRVRELRLDLLTRYASRREDSMSLGARDAE  
 LYHLPVLEAVRKARDAAPFRPLAVEDNRLVANSFFSQFVPGTESLERFLTQLWENEYFRTFRLRRLVTHQ  
 GAEEAIVYSNYTVERVTLPYLCHILALGTLDPVPEAYLQLSFGGEIVAAAYDDSKFCRYVELICSREKARR  
 RQMSREAAGGVPERGTASSGGPGLTERSAPRRLITADEERRGPERVGRFRNGGPDDPRRAGGPYGFH

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_006273

**ORF Size:** 2091 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\\_081550](#)

**RefSeq ORF:** 2091 bp

**Locus ID:** 3077547

**MW:** 78.5 kDa