

## **Product datasheet for VC101195**

## UL2 (NC 006273) Virus Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** UL2 (NC\_006273) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: UL2

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide >The Viral ORF clone VC101195 represents NCBI reference of YP\_081463 with codon

Sequence: optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCAGAAGACTCAGTAACTATTCTCATCGTGGAGGACGATGACGCTTATCCATCATTCGGCAGCCTGCCAGCTAGCCACGCACAGTATGGATTCCGACTGCTTCGCAGCATCTTCTTGATAATGTTGGTTATCTGGAC

AGCAGTGTGGTTGAAGTTGCTTAGAGACGCGCTCCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC101195 representing YP\_081463

Red=Cloning sites Green=Tags

MAEDSVTILIVEDDDAYPSFGSLPASHAQYGFRLLRSIFLIMLVIWTAVWLKLLRDALL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-Mlul



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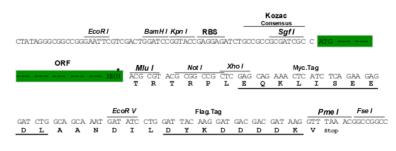
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## **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NC\_006273

ORF Size: 177 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

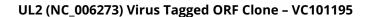
at the bottom.

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 081463

**RefSeq ORF:** 177 bp **Locus ID:** 3077452





**MW:** 6.7 kDa