

## Product datasheet for **VC101342**

### US26 (NC\_006273) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	US26 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	US26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101342 represents NCBI reference of YP\_081610 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCGGCAGAGCTACAGATACGCAAGCGCGCAGTGGTCCGGCGGACTCTGAAGGGGCTGAGAAAGCTGA  
 TTCTGTGCCAGGACCTCCGGCAGGATATCCGGCATCTCGTCCGGAGCTACGCCGACATGAACATTTCCCT  
 CCCAGTGAGCGCCCCCTGGGTGGCGGCTCGACTTCGTGAGTTCGAGGACATTTTCGGCTCCGCCGCC  
 GTGACCGACGGCCAGAACTCCCTGGGGCCAGCTGATCTGCTGCGAGGAAAGCCTGGAGAGCCTGGGCG  
 TCCTGCAGTTCAGCACCACCGTGTGCCCGGGTGCATGGCCCCCGTCCAGCAGCGAGGACGAAGACAG  
 CGATGACGACGACTTTTTCGTGTACGTGAAGAGATCGAACCCCAAGCCAGGCCCGGCTGGTGTCTGT  
 CTGGGCAGATATGAGACCGTGTGGTGTCTCGATCGGGACTGCGGCGTCTGTACTACCTGGCTACTCCC  
 TGGACGACTTCGACGGCATGGCTGTGCACTGCGAGGCCATCTACGGGGAGCAGATGAGAACCCCACT  
 CCTGACCACAGCCCGACCACATCATCTGCGACTCCGGCTGCACGACAACAGCATCAGCGAGCTGCAG  
 CGGGTACCTGCCGGTATCGGGGGGAGTGCCTGCCCTGCGGACCCCGGGGAGATGACCCGGCCCTCC  
 TCCTGTGCGGCCAGGCCGAGAACCTCAAGGGCGTGTGGCCCTTCACTGCATGAAAACCGAGCAGTTCAA  
 CGATCTGCTGAAGTTCTTCGTGGACCGGCTGTGTTGCGAGACCATGATCATGGGGGTGGTCCGGCAGTCC  
 CTGCCCAGCGCGTGTCCACGCCGATTTCTGTGATCCTCGTGGACCGGGCCTGCGAGTCTTTTTATTTTCG  
 ACGTCAGCCGGCGGAGATTTGGCGGCTGGCCGACTCCGTGGACATGCTGCTGACCGTCCGGCTGCTGAA  
 GATTTACCAGGCCGCGAGACGGTTTCATTACGCCGTGGATGATGCCGAGCGGCTGGAGGTGCCCGGGCGG  
 TGCCCCACGAGAACTTCCCTTCTGGGACCGGTTCCGACCCGTGGAGCGGGTCCGGCCCTCCACTCGGC  
 ATCATGAGCTGCCGTACAAGTGGCTGATCCGGAAGGACCGGTTTATCGTGCAGCCCTGATTGGTGCAGCAT  
 GCGGAACAGCCTGGACGAGGTGAGCGGCACCGCCGACGTCAGCTGGGACCCCGGATCCGGCCCGACTAC  
 CCCCAGACCAGCGACCTCGAGTGTGCCAAGCAGTACTGGCAGGAGCTGAACGACCACGTGCGGGAGCAAA  
 CCGCCCGGTACGGCCAGTGGCGCGGTACAGCGTGTGGTGCAGCATGAGCAGCAGACTGGAGCGGGCCGT  
 GAAGCGGCTGCAGCAGCGGATCCCCGGCAGAACCTGATGAATCCAGCCTGATGAACAGGGGCTGTGC  
 GTGACTACAGCGACGAGGAAGAGGACCAGGAAGAAGACGACACCAGCGACGACGACGACGAGGAGAAGG  
 AGACCGAAAACCCAGAACAACTTGGTCCCTGACCCGACCCCTCCAGCCCGGCAGCCTCGAGGG  
 CGTCGAGGAGCGGATGCTCAACGTGATGAAGGAGCCGTCGCCGAGCAGGACCGAAGAAGACCCAAAAG  
 AAGCACAAAATCGACACCGCCAGCGGGCGGTGCTGACAAGACGGGCAGCTCGGGCCGCCGTCTGGAGG  
 GCCGGCAACCCCAAGCCACCATGCCACCCCGTCTCTACCTCCCTTTCTGGATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101342 representing YP\_081610  
 Red=Cloning sites Green=Tags

MRQSYRYASGAVVRRTLKGLRKLILCQDLRQDIRHLVRSYADMNISLPVSAPPGWRLDFVEFEDIFGSAA  
 VTDGPETPWGQLICCEESLESGLVLFSTTVLPRVHGPRSSSEDESDDDDFVYVEEIEPPSQARLVLL  
 LGRYETVWCLDRDCGVLYYLAHSLDDFARHGLLHCEAIYGEQMRTPLLTTQPDHIIICDLRLHDNSISELQ  
 RVTCRYRGECVPLRTPGEMTRPLLLCGQAENLKGWPFICMETEQFNDLLKFFVDRLCCETMIMGVVGES  
 LPSGVFHADFVILVDRACEFFYFDVSRREIWRLADSVDMLLTVGLLKIYQAGRRFHYAVDDAERLEVPGR  
 CPHENFPFWRDFGTVERVRASTRHHELRYKWLIRKDRFIVRPDWCMSRNSLDEVSGTADVSWDPRIIRPDY  
 PQTSDLECAKQYWQELNDHVREQTARYGPVRRYSVWCGMSRRLERAVKRLQQRIPRQNLNPNPLMNQGLC  
 VYYSDEEDQEEDDTSDDDQEKETENPQNNIGSLTRTPSSPGSLEGEVERMLNVMKEAVAEQDRKKTQK  
 KHKIDTAQRRLTRRAARAVALLEGRPTPKPTMPHPVSYLPFWM

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NC\_006273

**ORF Size:** 1809 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\\_081610](#)

**RefSeq ORF:** 1809 bp

**Locus ID:** 3077545

**MW:** 70.0 kDa