

## Product datasheet for **VC101605**

### **U64 (NC\_001716) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	U64 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101605 represents NCBI reference of YP\_073805 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATGCATTGCTGTGCGAGACAATGTTTACATGCAGGAAGAACAACATTCTCCCGTTCACCTGT  
 GCATCCTGTTGGACGACGTCATACATAAGGAAAAGGTGAAGGCCATCGAGGGGATTTTCTCCAGTGCCT  
 ATTCTTTAAGGAGAAATTGGTATACACGGAGTGGACCAAGATAAAGTTACCTACGTGCTCCACGATCTT  
 GTAATTAGCCAGATATTTAAGAACGCCTGCATCAAGAAGTGATCCACGGCGCATTGATTCTGTCAGTGC  
 CAATTAACATAGATAACCTGCATTTTGACACAGATATTCTCATTCTAAAATAATTTACCCGCACTTCT  
 CCACGATGACATTGTCATCAAACCTAGCGAAATCTGTGTCAGGTGCTCCTCGCATTAGAAAACCTGTGAA  
 AAGAAACAGGAGGTGAAAAACCATTCTTTCACATTCTGCCAAGCTGGGGGACTTGACAAAAGAAGATC  
 CAATTAGCTTTAACACCACGGCCCGCTTGAGCCTCCAGCACAGTTCGCGGTCTGAAACAGTCAGCTAA  
 CGTGCGCCACAGCCATCCATATCACGGCCGAGAAGGCCAATGTAACCTTTCTGTCTGACAGCTGGTAC  
 TCACAGAACTCAAGTGCATTTATTTCCGATATACAGCAGAGACATGCTCTGGTAATATTCTGGTATG  
 AGCTGTCCAAGGGCATCCAAATGCAGATCAAGAATATTAGATCCCCCGGAGAATTGTTCTCTTCTAT  
 TACAAATTATCTGGACAGAGTGAACACCTACCTGGACGAAATCGCAGAGCGCACATTCAGATGTATAACG  
 ACAACATGGAGATCCAGAATCGACATCGCTCAGAAGTTTAAAGCCACTCCAGATCGAATTCAATT  
 GCACCCATCTTATCTACGGCATGGAACCTGCCCCGGGACTTTTGGATCCTGTCTTTGGATCGGAATAGCTG  
 TTTTGGCAGATTTGATAGATTGTACGACCGGGAAGACCTCTACGGGGAGAAGGTGAGATGGCAGCTGA  
 ACTCTGAAACTTCCCTGTATTCCAGTTTACGAAAGAATCAAATATCTCTTGGGAATTGCAACCAAAGT  
 CTATGCTTTGTACATGTCCGAGAATCTGAAGCTGTACTGGTACTCCAGGGGATTCTGCGTCTCTGGG  
 ACTTTTAACTGAAAGAAATGATGAATCTTCTCGACTGGCAGTTCGGGATGTCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101605 representing YP\_073805  
 Red=Cloning sites Green=Tags

MEMHLLCETMFTCRKNNILPVHLCILLDDVIHKEKVKAIIEGIFQCVFFKEKLVYTEWTKIKFTYVLHDL  
 VISQIFKNACIKEVIHGALILSVPINIDNLHFDTDILILKIIYPHFLHDDIVIKLSEILSGAPRIQKTVE  
 KKQEVEKPFPHIPAKLGDLTKEPISFNHGGPLEPPSTVRGLKQSANVRHSHPISRPEKANVTFLSDSWY  
 SQNLKCDFISDIQQRHVLVIFWYELSKGIQMQUIKNIQIPPENLFSITNYLDRVNTYLDEIAERTFRCIT  
 TNMEIQNRHLPQKFNSHFQIEFNCTHLIYGMELARDFWILSLDRNSCVLKAMASHFLHKKKGRSSLSSNE  
 FWADLIDCTTGKTLTYGEKVRWQLNSETSLYSTFRKNQNIWELQPNCYALYMSLENKLYWVLPGGFCVSG  
 TFKLKENDEFFDWQFGMS

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NC\_001716

**ORF Size:** 1317 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\\_001716.2, YP\\_073805](#)

**RefSeq ORF:** 1317 bp

**Locus ID:** 3289522

**MW:** 51.4 kDa