

## Product datasheet for **VC101410**

### **U60 (NC\_001664) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	U60 (NC_001664) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>The Viral ORF clone VC101410 represents NCBI reference of NP\_042953 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTCCGGACCTGCGACATAACACACATCAAAAAAATTATGAGGCAATCATTTGGAAGGCGAGAGGG  
ACTGCAGCACTATATCCACAAAATATCCCAATTCGCCATTTTCTACAAGAAGCGATTTATTATGCTGAC  
TCCAGAGCTCGGCTTTGCTCACTCATATAATCAGCAGGTGAAGCCCTTGTACACATTCTGCGAAAAACAG  
CGGCACCTGAAAAACCGCAAGCCACTGACTATACTCCCTAGCCTGTCTATAAGCTGCAAGAGATGAAAT  
TCCTGCCAGCCAGTGACAAGAGCTTTGAGTCCCAGTATACTGAGTTCTCGAGTCCTTCAAAATCCTTTA  
CCGGGAACCTCTCTTTCTGCAAATCGACGGTTCATTAAGACTTTAGGAAATGGATCAAAGGAGAATTC  
AACGACTTCGGAGATACTAGAAAGATCCAACCTGGAACCTTTTCAGAAGAATATTCTGATACACGTGATCT  
TCTTTATTGCAGTGACTAACTGCCGGCTCGGCCAACCGCGTCATCACTACCTGACTCAGTGTTTGA  
TATCGAATTTGTGAACGAAAGCACACTTAACACACTCAAGCAGAAAACGAACGTGTTCTTTGTGCCACGC  
AGGCACGGAAGACCTGGTTTATTGTCCCATATCAGCTTCTCCTGAAGAATCGAGGGAATCAGTA  
TTGGATATGTAGCCACCAAAAACATGTAAGCCACTTTGTGATGAAAGAAGTTGAGTTCAAGTGCCGGCG  
CATGTTTCCGGAAAAGACCATTACCTGCCTCGACAACGTAATTACCATCGACCATCAAAACATTAAGAGT  
ACCGCACTTTTGTCTTCTGTTACAACACTCATTCTATCAGAGGCCAGTCCTTTAACCTCCTCATCGTGG  
ACGAGAGCCACTTTATCAAGAAGGATGCATTCTCCACAATTCTGGGTTTTCTGCCACAGGCTTCCACCAA  
AATTCTCTTTATCAGTAGCACAAACAGCGGGAACCATTCACGAGCTTCCATGAAGCTCAATAATAGC  
CCCTTCGAAATGCTCTCGTGGTCTCATACGTCGTGAGGACCAGCTCACATGCTCAATGAGAGAGGTA  
ATGCTACCGCTTGTAGCTGCTACCGGCTGCACAAGCCGAAATTTATCTCCATTAATGCAGAGGTCAAAAA  
GACTGCAAATCTCTTTTGGAGGGCGCCTTTATCCACGAAATCATGGGCGGGGCTACTTGTAAATGTTATA  
AATGATGTGCTTATTACCGAGCAGGGCCAAACAGAGTTCGAGTTCCTCAGGTACAGTACCATTAACAAAA  
ATTTGATCCCATTCTGGGGAAGACTTGTACGTCACCTCGACCCCGCTTACACCGGTAACAGAAGAGC  
AAGTGGCACTGGAATCGCAGCTATCGGGACTTACCTCGACCAATATATTGTTTATGGCATGGAGCATTAT  
TTTCTTGAGAGCTTGATGACCAGCTCAGATACAGCCATTGCAGAGTGTGCTGCCACATGATCCTCTCAA  
TACTCGACCTGCACCCCTTCTTTACAGAAGTGAAGATAATCATAGAAGGAAACTCCAATCAGGCCTCTGC  
CGTGAAAATCGCCTGCATCATCAAGGAGAATATCACCGCAACAAGAGTATTCAGGTGACCTTCTTTCAT  
ACCCCTGATCAAAACCAGATTGCCAGCCTTTTTATCTGCTTGGTAAAGAAAAGAAGCTCGCAGTGGAGT  
TCTTCATCTCAATTTCAACAGTGGTAATCAAGGCAAGTCAAGAGCTGATTAGCTTTACTATTAAGAT  
TACTTATGACCCAGTGGAGTACGCACTGGAACAGATCAGGAATATCCACCAGATTTCTGTCAATAATTAT  
ATCACCTATTCGCAAAAAGCAAGCCTGCAGCGATGACCTGATCATCGCTATCATGCCCATTATG  
TCTGTAGCGGTAATTCTTCAGCATCATTCCGGGAGATT

**ACGCGT**ACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101410 representing NP\_042953  
 Red=Cloning sites Green=Tags

MLRTRCDITHIKNNYEAIWKGGERDCSTISTKYPNSAIFYKKRFIMLTPELGFASYNQQVKPLYTFCEKQ  
 RHLKNNRPLTILPSLSHKLQEMKFLPASDKSFESQYTEFLESFKILYREPLFLQIDGFIKDFRWIKGEF  
 NDFGDTRKIQLPEPFQKNLIHVIFFFIAVTKLPALANRVINYLTHTVDFIDIEFVNESTLNTLKQKTNVFLVPR  
 RHGKTWFIVPIISFLLKNIEGIGSYVAHQKHVSFMKEVEFKRRMFPEKTITCLDNVITIDHQNIKS  
 TALFASCYNTHSIRGQSFNLLIVDESHFIKKDAFSTILGFLPQASTKILFISSTNSGNHSTSFLMKLNNS  
 PFEMLSVSVYVCEHMLNERGNATACSCYRLHKKPFISSINAEVKKTANLFLEGAFIHEIMGGATCNVI  
 NDVLITEQGQTEFEFFRYSTINKNLIPFLGKDLVYLDPAYTGNNRASGTGIAAIGTYLDQYIVYGMHEY  
 FLESLMSSDTAIAECAAHMILSILDLPFFTEVKIIIEGNSNQASAVKIAACIIKENITANKSIQVTFHH  
 TPDQNQIAQPFYLLGKEKLAVEFFISNFNSGNIKASQELISFTIKITYDPVEYALEQIRNIHQISVNNY  
 ITYSAKKQACSDDLIIAIIIMAIYVCSGNSSASFREI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC\_001664

ORF Size: 1998 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\\_001664.2](#), [NP\\_042953](#)

**RefSeq ORF:** 1998 bp

**Locus ID:** 1487942

**MW:** 76.2 kDa