

Product datasheet for **VC101602**

U60 (NC_001716) Virus Tagged ORF Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | U60 (NC_001716) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | U60 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101602 represents NCBI reference of YP_073802 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTCCGCAGCTGCGACATTGACGCTATCCAGAAGCCTATCAGTCTATCATTTGGAAGCACGAACAAG
ACGTGAAAATCAGTAGCACATTTCCCAACAGTGAATCTTTTGTGAGAAAAGATTATCATTCTGACTCC
AGAACTGGGCTTACACACGCATACTGCAGGCATGTCAAACCCCTGTATTTGTTCTGCGACCGCCAGAGA
CACGTGAAATCCAAAATCGCAATCTGTGATCCCCTGAATTGCGCCCTGTCCAAGCTTAAGTTCACAGCGA
TAATCGAAAAGAACAGAAAGTGAATACCAGAAAACATCTTGAACCTCAAACAAGCTTCTACCGCAACCC
TATGTTTCTGCAGATCGAGAAATTTATACAGGATTTCAAAGATGGATTTGTGGTGACTTCGAGAACACC
AATAAAAAGGAGAGGATTAACCTCGAACCCCTCCAGAAAATCCATTTTGTATCCACATAATTTTTTTTTATTT
CCGTAACCTAAGCTGCCAACCCCTCGCAACCACGTCCTTGACTACCTTAAGTACAAAATTTGATATCGAATT
TATTAACGAGTCTAGTGTAATATTCTGAAGCAAAGGCTAGCGTCTTTCTTGTGCCCGCAGGCATGGC
AAAACCTGGTTTCATGATTCTGTGATTTGTTTCTCCTTAAAAACCTGGAGGGGATATCAATCGGCTACG
TAGCCCAACAAAAGCACGTAAGTCATTTCTGTCATGAAGGATGTGGAATCAAGTGTAGACGGTCTTTTCC
ACAAAAAACATTAAGTGTGAGGATAACGTTATTACCATCGAGCACGAGACAATCAAAGTACCGCATTG
TTCGCTAGCTGTTATAATACCCACAGTATTAGGGGGCAGAGCTTTAACCTCCTCATCGTCGACGAGTCCC
ACTTTATTAAGAAGGATGCATTTTCCACTATACTCGGCTTTCTGCCACAGAGTAGTACAAAGATCATCTT
CATTTCTCCACAACAGTGGTAACCACTCTACATCTTTTCTTACGAACTTTCCAACCTCTCCTTTTCGAG
ATGCTCACAGTTGTGAGCTATGTCTGTGAAGATCAGTGCATATTCTCAACGATCGGGGCAACGCTACTA
CTTGCGCATGCTACCGGCTGCACAAGCCCAAATTCATATCTATAAACGCTGACGTTAAAAAGACCGCCGA
TCTGTTCTTGAAGGAGCCTTCAAACATGAGATCATGGGAGGATCACTGTGCAACGTCGTCAATGATACC
CTGATCACAGAACAAGGTCTGATAGAGTTTGTCTCTTCCGATACTCAACAATCAGCAAACAGATTATCC
CTTTCTGGGCAAAGAGCTGTACATTTACATTGACCCCGCTTACACGATAAATAGACGGGCTCTGGTAC
TGGCGTCGCCGCCATCGTACTTACGGGGATCAGTATATCATTTACGGAATGGAGCACTACTTTCTCGAG
AGCCTGCTTAGTAACAGTGACGCTTCTATCGCGGAGTGCCTAGTCATATGATCCTCGCCGTGCTTGAAGC
TCCACCCGTTTTTTACCGAGCTGAAAATATTATCGAGGGTAACTCAAACCAGAGTTCTGCTGTTAAAAT
CGCGTGTATACTCAAACAGACCATTTTCACTGATTAGGTATAAACACATCACATTTTTTTCACACTCTGGAC
CAATCCCAGATCGCCCAACCATTTCTACCTTCTGGGAAGAGAGAAGAGGCTTGCACTGGAGTACTTTCATCA
GTAACCTCAACTCTGTTTACATTAAGCAAGTCAAGAATTGATCTCTTTTACAATAAAAAAATTAACCTACGA
TCCATCGAATACGTTATAGAACAATCAAGAACCTTACCAGATCAACATCAACGAGCACGTAACATAT
AATGCTAAGAAACAGACCTGCTCTGACGACCTTTTATTCCATAATTATGGCCATTTACATGTGTCACG
AGGGTAAGCAGACCTCTTTCAAAGAGATT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101602 representing YP_073802
 Red=Cloning sites Green=Tags

MLRSCDIDAIQKAYQSIWKEQDVKISSTFPNSAIFCQKRFIILTPELGFTHAYCRHVKPLYLFCDRQR
 HVKSKIAICDPLNCALSKLKFTAIIEKNTEVQYQKHELQTSFYRNPMLQIEKFIQDFQRWICGDFENT
 NKKERIKLEPFQKSILIHIIFFISVTKLPTLANHVLVDYLKYKFDIEFINESSVNILKQKASVFLVPRRHG
 KTWFMIPVICFLLKNLEGISIGYVAHQKHVSHFVMKDVEFKCRRFFPQKNITCQDNVITIEHETIKSTAL
 FASCYNTHSIRGQSFNLLIVDESHFIKKDAFSTILGFLPQSSTKIIFISSTNSGNHSTSFLTCLSNSPFE
 MLTVVSYVCEDHVHILNDRGNATTCACYRLHKPKFISINADVKKTADLFLEGAFKHEIMGGSLCNVVNDT
 LITEQGLIEFDLFRYSTISKQIIPFLGKELYIYIDPAYTINRRASGTGVAAGTYGDQYIYIGMEHYFLE
 SLLSNSDASIAECASHMILAVLELHPFFTELKIIIEGNSNQSSAVKIIACILKQTSIVIRYKHITFFHTLD
 QSQIAQPFYLLGREKRLAVEYFISNFSNGYIKASQELISFTIKITYDPIEVVIEQIKNLHQININEHVTV
 NAKKQTCSDLLISIIIMAIYMCHEGKQTSFKEI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 1989 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_073802](#)

RefSeq ORF: 1989 bp

Locus ID: 3289524

MW: 76.4 kDa