

## Product datasheet for **VC101620**

### U82 (NC\_001716) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	U82 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U82
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101620 represents NCBI reference of YP_073820 with codon optimized for human cell expression <b>Red</b> =Cloning site <b>Blue</b> =ORF <b>Green</b> =Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGACTAATATCTTCTTCATATTCTTGATTAGCATACTCAATCAGATTTACGCTCTCTTTAACAACT  
CATACTACTCAAATCTCGAACAGGAGTGCATCAAGAATATTCTCAACTGTACCAATCCAAGACCCTTAG  
TCTGTGGAGCCCATCGATCAGGCTCCCATCCCAAATTCAGATATCATATCTAGGCTGTTGTATCACACT  
CCCTACATATCCAGAAGGGATCAGGTATTGATAGATGAGGACTTTTTGGAGACATTTTATCTGCTCTACA  
ACAATCCCAATCAACTGCATACACTGCTCAGCCTTATTAAGACAGCGAATCTGGCCATAATTGGCTCGG  
CTTTCTCAACAACCTTTGAGCGATGCCTTTCAGACAATACCCTTCTGACCTGTCGCGACAATGTCTGCAAA  
TCCTACAGCTATGAGAAGCTGAAATTCAGTGGAAATATCTTCGTGGAAAACATCATAGGCTTTGAATTCA  
ACATTCCTCCAACATGATTAATTTAACATGTCCATCCTGATCTATTTGGAGAACGAGGAGACAAGGAC  
GCAGAGGATAGTACGAATCGACCACCATGGCATTAAATGTTTTTGACGCCCTGCTGAATTGCTCCGGTAC  
TTCTCTAGGTAATAACTTTTCCTTTCCGCTCATTTCAGGAGATGGAGAAATAAATGAAGTCCTTCCTT  
TAGGTCCGAATTCTCTAACCTGCTGATTTCGCACCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >VC101620 representing YP\_073820  
Red=Cloning sites Green=Tags

MKTNIFFIFLISILNQIYALFNNSYYSNLEQECIKNILNCTQSKTLLLEPIDQAPIPNSDIISRLLYHT  
 PYISRRDQVLIDEDFLETFYLLYNNPNQLHTLLSLIKDSESGHNWLGFLNNFERCLSDNTLLTCRDNVCK  
 SYSYEKLFKFTGNIFVENIIGFEFNIPSNMINFNMSILIYLENEETRTRQRIVRIDHHGINVFDALLNCLRY  
 FSRYYNFSFPLIQEMEKYNEVLPFRSEFSNLLIRTY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001716

**ORF Size:** 738 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\_073820  
RefSeq ORF: 738 bp  
Locus ID: 3289538  
MW: 29.2 kDa