

## Product datasheet for **VC101520**

### U81 (NC\_000898) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	U81 (NC_000898) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U81
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101520 represents NCBI reference of NP_050260 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCTGCTGCAGTGGATGTTGGACCACGTGCAAGACGAAGAGAAAACTACGAAAACCTTTCAATCG  
ACGACCAGCACAGCCTTTTTGGCATCAACAGAGACTGGCTGTCTTCTTCAACTCAGCAAACCGAAAT  
CACTCACTTGAACATGTGTATAAACTTGTGGACAATGACCGCGTGCATCTGACAGTTACCCCGTCAAGC  
GATAATGTCCATGCATGGAGCTTTCTGTGTAAGCCGACCGACGTAAGGTGGTTATTCTCGGCCAGGACC  
CTTACCCAGACGGCCGGGCTGCGGACTGGCTTTTCGGAAGTAAAGAGTGCAGCATTCTGAGTCTCT  
GAAGAACATTTTTAAAGAACTCGAGCGGAGTATCCCAAATTTCTCTCCACCCGACAATGGCTGCCTGAAT  
TCCTGGTGTAGGGAAGGAGTTCTCCTGCTGAATAGCATCTTCACTGTCGTGCATGGCCTGCCATGAGTC  
ACGAGGCCTTCGGGTGGCAAACCTCTGAGCTACAAAATAATTAGTCGACTTCCGAGCAGATGAACTCTCT  
GGTCTTTCTGCTGTGGGGAAACACGCACGCAAACCTTCTACCTGATCGACGCCAGAAACACCTGGTC  
CTCGAGTCAGCCCATCAAGCCCTAAGGTCAAATCAGCCCGAATGCCCTTATTGGGTGTAACCACTTTG  
TGCGCACCAATCTTTTCTGACTGAGCACGGTAAAGATCCATAAATTGGAACATTCTGAACGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

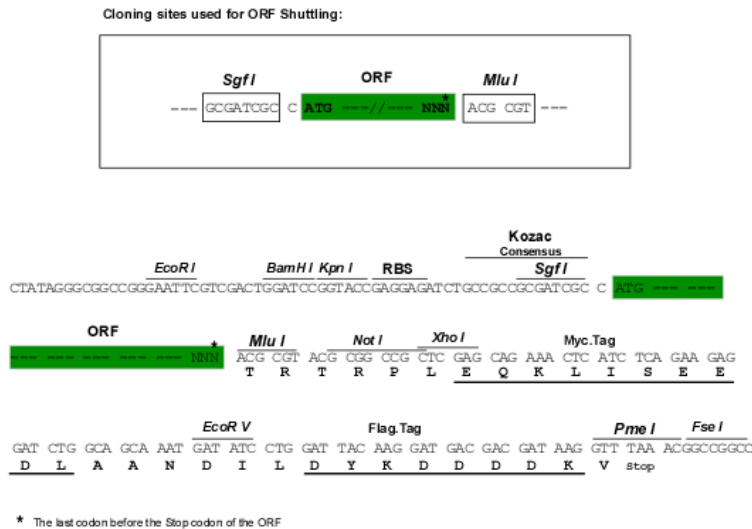
**Protein Sequence:** >VC101520 representing NP\_050260  
Red=Cloning sites Green=Tags

MALLQWMLDHVQDEEKNYENLSIDDQHSLFGINRDWLSFLQLSKLEITHLKHVYKLVNDNRVHLTVHPSS  
 DNVHAWSF LCKPTDVKVVILGQDPYPDGRGCLAFGTVKECSIPESLKNIFKELERSIPNFSPPDNGCLN  
 SWCREGVLLLNSIFTVVHGLPMSHEAFGWQTL SYKII SRLSEQMNSLVFLLLWGKHARKLSYLIDAQKHLV  
 LESAHSPKVKKSARMPF IGCNHFVRTNLFLTEHGKDPINWNILNE

TRRRLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_000898

**ORF Size:** 765 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\_000898.1, NP\_050260  
RefSeq ORF: 765 bp  
Locus ID: 1497081  
MW: 29.2 kDa