

## Product datasheet for **VC101559**

### U20 (NC\_001716) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	U20 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101559 represents NCBI reference of YP_073760 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTGTCAAAAAGACATGCCTGTTGGTGTATTCGTGCACTTTACTAAGTACGTGCTCATAAGCTTACCATGTCCATCATTAAATAAAGAACACCTCGAAAAGTACGAGCTGATGATGGACAACACTCGAACTCGCTCA  
TTACAAAACCTCTCAGTTGGTAATACCAAGTATCTCATCCTTCCCTACAGATTTCCCTACAAAGTTAAT  
GCATTGTCTACGTGTTTTCTACCAACAAGGACGAAAGCACACTCAATAGTATATTCTCTTACTTGGT  
GGAGCCATAGAAACCGCAGCGTGCCTATCATATAATTTCAACGCCGAGTTTATATGCGAAATAGACAC  
CGTGCTGAAAAGCCATTATCTGCTTAAAGTACACAACGACACCACACTCAACGTTAATCTTCTGATTTT  
TCATCAAGTGGATTTGACGAGAATGTACGCCAAGTGGAACTCCTGCTTATCCTGAAATTCTACGTGC  
AACAGTTCTGTGTGAAACAGCTGGCCGACTTCTCCGCACATGTGACGTTTGGCCAGGATGGGTATCGCCC  
ACCCGTTGTGTCAATTACAAAAGAGGGTCCAACATAACATGTTCTGCCAGCTCTACAGCCCTCTGGA  
CTGTCCATCCAATGAAACTGAAAATAAGCTCGTACCGGACGACCTGACAGAAGAATATCTGGCTCTG  
ACATACTCAAGGGTAAGAAGTTTTATTTTTTTTCAAGAGTATCAACACAGAGAGTGCTAACTACCAGT  
CGTGGTACATACCAAAAGTCAATTACAGTTTCAATGTGCTCGAGTTCAATAATCCGACGAATACTTT  
CAAAATCTGTTCCATAAGACGTACAAACACGGGAATTTTTGAAAGTTTTTGGATCCTGCTGATTATAC  
CCATCCTCGCATTTCATCTTCAGCATTATTACCGTAAAAAGATGTTCTTCGAGATCTGGTGCACGTGAT  
GGCCGCTCTCAACAAGCGCAAAGACTTGGATCGAAGTATTCCGTAAGTATCATGAGATTGATCCA  
TGCGACTACATCTCCGTCGAAATCTCTGCGCTACCGAGAAAAATGGAAATTTTCAGATAGTACTGTCTTT  
CAAAGGACTCTCCGATCTCCAGATCCATGGGACACTCGATTTTCATGTGTCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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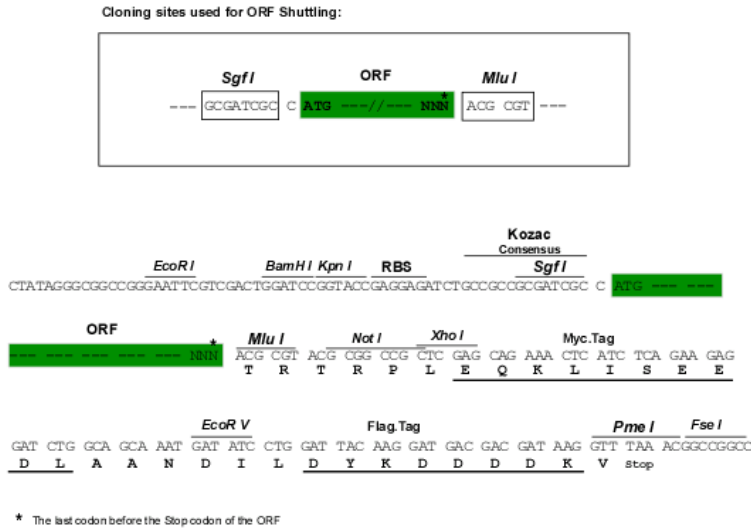
**Protein Sequence:** >VC101559 representing YP\_073760  
 Red=Cloning sites Green=Tags

MFVKKTCLLVFIHFVKYVAHKL TMSIINKEHLEKYELMMDNYELAHYKNLSVGNTSISFFLTFDPTKFN  
 ALSYVFSTNKDESTLNSIFSYFVWSHRNRSVHYHHNFNAEFICEIDTVLKSHYLLKVHNDTTLNVNLLDF  
 SSSGFDENMYANVELLLILKFYVQQFCVKQLADFSAHVTFGQDGYRPPVVSITKRGSNITCSAQLYSPGL  
 LSIQWKLENKLVDDLTEEYLASDILKGGKFFYFFKKSINTEANYQCVDIHQKCNYSFNVLEFNNSDEYF  
 QNLFHKTYKHGNYFEVFWILLIIPILAFIFSIIITVKKMFFEIWLHVMAVLNKRKDLDRSDSYKVIMEIDP  
 CDYISVENLCATEKMEISDSDCLSKDSPDLQIHGTLDFMCH

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001716

**ORF Size:** 1173 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\\_073760](#)

**RefSeq ORF:** 1173 bp

**Locus ID:** 3289478

**MW:** 45.7 kDa