

Product datasheet for **VC101626**

U95 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U95 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101626 represents NCBI reference of YP_073826 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAATCCGGCGATTCCCTTTGGCAACAATCACCAGGTGAGCAGCAATAGTGACGCATTCCAGTCCGAC
AGTACTCAACCACCGTGGACACCTTCGCTTACTCTCCATGGACCCAAGTAACTGTATGCTGAACGAACA
GACCCATCTTGAGACAGTGTGGTCTACCCAGTATACAACATGTCTTCTCAGCAGACAGTGGAGCGGAAT
CTGTATGCGAATAATATCGGCAATGGGAATGTGCTGAGTTATTGCAGGCAGGATAGCCTGCAGGGTAATC
AGGGAACATATTTTCCAACGTATCAAGGGTTTCACTCCAACACACCACATAATTTTTCCATCGAGAATTT
CAACTTTGGGACTAACGTCATTAGACCCATTCTTTTAGAAACGAAGGAGTCGATGCCTCCACATCAAAG
GATTACGATTTTAAAGCCTTGCATCACCCTATGCAAAATCCAATCTCTCAGCCCTCTGCCTCCAGACAT
ACTCTCTGATGAATGGAACTTTAGCGAGAACGGCTACGGATACAATACAAAATTTGGGGAAAACCTGCGC
AATGAGCTACGTGGAACAAGAGAGTGTGACTCTAAATACCTAATAAGGAAGTGTCAATCTCCTATCAA
CGCAACGAGCATTACGATGAAAATCTCCCTACCCGCGAATTGAATACCGACTTCCCCAGTATAACCACT
CCAGTGTCTCCAGCACACGTTTGTAAATGTTCCAGAGTATCATAAGCCAGCAAAGCCCTTATCAGCTCAT
CGGAAAAGAAAATAGCTTCAACAACCTACCTTGGAGCCGCTAATGTGGACAGCGACTGCCAGAGTAACGGC
GGGCCAAAAGATTGGACTGGATACAGACCAGTCTGTTTTCTCCGATGAGGTGACGGGTGCCTGCGTTGAGA
ACGTGCATTTCCCATGAACCCAAAGAACGAGTATGTCAATAATTTCCCTCGATGTTCCAGACAGAGTT
TCCCGTCACAGAGAATCCTCTGGTTGGCGAAAGTCAAGCAACTAAGAATAAGGATGTGGACAGCAATGCC
GAAGTGAATAATCACTCCAAGTACAGGCTGCTGAAACGAAATATAACTCCCACTGGGCAATATCAAGC
ACCTTAACTTTAGTTGCAAAAATCAGCACTGAGGAGGAGCGAAAAACCTTTTTCAACCGATTGAGCGAGTT
GCTGAAAATCAGAGATGACATTAATAAATACAAAATCAGTAGTAAAGTGGACTTCATACAGAGTGGGCC
TCAACCTCTTTGGACATATGTAAGAATACCTTTAACAACAACCTCTGATAGCTCCGATGTGGACACAGATA
TTCTGGCAGATAACCTCTGGTATCTGTGAGAACGAGCTCATTGCGATAACAACGAGGAGAATATTAA
GTTCCCCCGAACGTGGAGAAAGAAGCCGTTCTATGCAAACCTGTGAAGAGGTCTTTCCCTGAAATCTGC
CCTGAGCATTATAAGAAGCGCCGATTTATAACGGCGATGTGATATACGAAGATTTGAACCTCTGTGATA
AGGTCATGCCCGTAGCGCCACCTATGATGATGTCAGATTGGGGAGTTGACTATCAAACCTCATCCGC
TCAGACAAAAATCTCAACCATCAGCTTGTCTGCTGCCACAACTACCAGCACATGATCGGCCAGGAG
ACAGACATAAGTTCTAGGGATTACCACAACGACAGCGCCAGATCATATACAACTGTTCCCTTCAAAGGC
AGGGTAAGAGACTTCTCGCTGACATCCCTTACAGGCCGTGGCTGAAAGAGAATGTCCCCACAGGCGAGTA
CGGAAAGAGGTTTGTGAAGACCGTCCCCCGCCAGCCTCCGATTTATTTTCCGGTCCGTGCAGAAAAAA
ATGCTGAGGGAGAGTGTTAAGTCTTTATGCACTTGAGTAAGTTGCAGTATACCAAGGAAAGCTTGAGG
CCTATGTCCTGAGAACTGTAACAAGTTCCTGGATTTGTCATGGCCAATACGCCACAAGATCTATATCAT
GCCTGATGTCAGTCGAAATATAACATTGAGGAAGTAAAGAACCTGTTCCCTGTCCTGAAGGCTGGATG
GTGACTCTCGGTTTGTGGGAACGGAGGAACCCGTGACAAAGATCTATAATATCGCCGTGCTTCTTTGCG
AGAACGGCTGGGTGATGATTCATAAAAACGATAAAGTGAACCTGAGCTTTACCTCGCGGCATCAAACCT
GAACGAATTGATTGAAGATGGTCTGGCGCGCTGTGACTGCAATTTATGAAAAGAGATCCGTCCTTACGGT
ATCGTTATGGAGGAAAACCTGAGGCAGTTCATGGACAACCTTTGGCTCCCTGCAGTCTGTTCTGGCATATC
GGAAGTACCTTACGGGTTTCTGTGGCCTTCAACGGGACCCCTGGGCGCCTGGCTGATAGGGTGTTTCA
CACGTGCTGCCCGCGTGCACAATGCCTTGCCTTGTATGCAGTCATTAAGCATGAAAACAACCCGCTT
TACTTCATTGGCTACGTCACAACTTTTAAGCAGCAGAATGACTTTAATGCGAACGTGTTCAATGCCGTTG
ATGGGAACCTCTCAATATACGGCTATCACCTTATCTCCAGAAGACATGGTTCCTGGCTAAAACCTTTTC
TACTTTTCTCAAGATGGGTACACGAAAGATGTATTATGACTACGAGATACCCCTTAAGATCCACCTCGGC
GATTCAGCGGATAGCTTCTGAGCTGTTTCAAGAACGCACCTGCCTGCTGCTGAAGCCCGAAGTCTGCG
GCAACAATCCCAAGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101626 representing YP_073826
 Red=Cloning sites Green=Tags

MESGDSFGNNHQVSSNSDAFQFRQYSTTVDTFAYSSMDPSNCMLNEQTHLETVLVYPVYNMSSQQTVERN
 LYANNIGNGNVLSYCRQDSLQGNQGTYPPTYQGFHSNTPHNFSIENFNFGTNVIRPIPRNEGVDASTSK
 DYDFKPCITTMQIQFSQPSAFQTYSLMNGNFSENGYGYNTKIGENCAMSYVEQESVDSKYPNKEVSIYQ
 RNEHYDENLPTRELNTDFPQYNQSSVLQHTFANVQSIISQQSPYQLIGKENSFNNYLETANVSDCQSNQ
 GPKIGLDTDQSVFSEVTGACVENVHFPMNPKNEYVNNISLDVQTEFPVTENPLVGESQATKNKDVDSNA
 EVNNHSKYRLLKRNITPTMGNIKHLNFSCKISTEERKTFNRLSELLKIRDDIKNTKISSKVDFIQSEA
 STSLDICKNTFNNSDSDVDTDILADNPLVICENELICDNNEENIKFPPNVEKEAVPMQTVKRSFPEIC
 PEHFKKRRFINGDVIYEDLNSVYKVMASATYDDVRFGEVDYQTSSAQTKISNHQLALLPTNYQHMIQGE
 TDISSRDYHNDSAQIIYNCSFQRQGRLLADIPYRPWLKENVPTGEYGRFVKTVPRPASVFI FGRCRKK
 MLRESVKSFMHL SKLQYTKESLEAYVLRNCNFKLDL SWP IRHKIYIMPDVSRNYNIEEVKNLFPVPEGWM
 VTLGFVGTTEPVTKIYNI AVL LCENGWVM IHKNDKVEPELYLAASN LNELIEDGLARCDCIYEKRSVPY
 YIMVEGKLRQFMDNFGSLQSVLARYKYLHGFLWAFNGTPGRLADRVFHTCVPGVHNALPLDAVIKHENNPL
 YFIGYVTTFKQQNDFNANVFI AVDGNLSIYGYHLISQKTWFLAKTFSTFLKMGTRKMYDYEIPLKIHLG
 DSADSFLSCFKNAPCLLLKPEVLRKQFPKP

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 2820 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:	<ol style="list-style-type: none">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:	<u>NC_001716.2</u> , <u>YP_073826</u>
RefSeq ORF:	2820 bp
Locus ID:	3289544
MW:	107.6 kDa