

Product datasheet for **VC101551**

U11 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U11 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC101551 represents NCBI reference of YP_073752 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGATGTCACACCTGCCCTTCGCATGGATCTCCGACGAGGCCAAGTGCTTTCTCCCGGTTTTTTG
AAAATATCAGCAGCCTGCCAGTGGTCGACATTAGAGAGAATCCCTGGATATTGTCTCAGTGATCGTAAA
GACAGGGAATAGCATAAAACAACGTCAAACATTGTACAACAATCTCATCCTGTGGATCTACTTCCATCAG
ACGCTGTGCAAAAAGAAACCTGATTACGAGGAGGTATGGCAGGAAATTTGAAGTCCAAAAGATCTTGA
AGGACTATCTGGAGCAGAGACAGATGATCACGGACTACAGCTCCCTGACAAGCTTCAACAAAGTCGGATT
CGAAACCGAGTTCAAGAACGTGGCAAAGGACCTGCTGAACTGGGGAGCTTCTCAGGTGGGGGACTGTG
ACCCATGCAGCAGACTATGTGAATCTGACTACGGAAGAGCGGCCGAGATCGGGGAGAATTTGCAGAAAG
CCAAAAATAATATGCTCAGCTTTACCATATATCAAATTGTAGACCCTTGGATGAGAATGGATATTATGT
CACAAACATTAATCGCTTGTACCTGGGAAACCTTCTCATCACTTTGCACGGAAGTTGGATGAACATG
GAAAAACTTGCTCTGAACACCATCAATGAGAAAGAAAAACGAATTCGAAAGCAATTGAGAATAACAAAA
ACTTCGTCAGTATCTACTCCTACCAGATTCTTTCACTGCCACTGACCTCCACAGAGTTACGAGTTTTTT
CAAAATACTGACCGAGGACTTCGACGTCATTACCAAATCACTTGAGCTGCATGCATTGCCGTTAAATCC
ACCTGGGATGATCGAGTGAAGTTTACTCCCGAACCCATCCAAACCTTTAAAGTCTGACTGACCTCTCCA
AAAGTTCCTGTCAAATCAGTTTGAATCTTCTCCAAGAAAATTCATACGGCAGTAGCTTCAACCCCGA
ACTTTTCATTAAAGACTGAACAAAGGTCTAATAACACATTGTCTAAGGATCTTTCGTGGGTTCCAGAGGAC
GGGCTGCTCTAGCGTGAAGAAAGATAGCATGATACTGGACGAGCCTAGAAAATCCACCTCAATAAACA
ATAGCAAAAAGATGCATCGGATTCTGCAGACCGAGATTCTGGACCTGACGGACCAAAACAATGCATCGCCC
GGAAAGACAAAGTGAACCAATTTAATGAAATAGCCGTGGCCCCAGACGGGATTAACCAAGGTGATTGACT
CTGAGCAAGCTGGACCTTCACACTCCAATAAGGTTATCGACATCGTTTTCTCCCAAAAGTGAACGTGG
TGCAATTGCCTAAAAATAAAATAGATTACCACAGTACATTCTTCTTCTGAGAACGAGGTCAATCGGCA
GAACGGTGTGCAGAGCAGGGACCAGCTGAGCAAGAAGTCTACCAATGACCTTCAGAAGATTCTCGAATTG
CGGAACGGATCAAGACAATCAAACAGAACACGAGGACATCTTCAAGTTGCCAAGCGAAAAGCGCCGGA
AGGAGATAGTTCACGAAAACCTGCAGTCTTTGACGATGAACACAACGAGATGTCCCTCCCTCCCAGGA
TCAGAAGAGCATCAAGCAGAAAAACGGCAATAAGGCCAATCTTCTACAAAAACCTCAACATGATCGGG
ACTAACGACGTGAACGCCAGCATGAAGGAGAAGGAGAGGCCAGCTCAGCCAAGAAGAACCAATTGGTCA
AAGATGTTAAGTGGACGCCATCTTCAAGCTGCTCGATCTGAGCAGAAGGAATGATCTCCTGCAAAAAGA
GCTTTTCGAGTCAGGCTGGGGGAGAAGGTGAAGAAGTTGCTGACTGATTTTACAGATACAATCAGCCTG
GAAGAGAGGTCCCTCAAAGACGTGTTGGAGCCACCAAGAAGACCGACGTTTCCAATATCGCTACTTTTA
ATGACAATAATCTGAAAAACTTGCTGAACAGTCGCAAGCGCAGCCGCTTCCAGAACTTCTCCTTTAC
GGAGAAGATGCAGCCCGTCGATCCCTTCTTCTCCAAACGCTGAGATTGAGGATTTGACAGTGGGA
AGCCTCCTTACCGGTAAGAAACGCAGAATAACAATCTTCGGGGCTTCAAAGGCACAGGAAGATGGAGACA
AGGATCTGATAGACCTTGAGAACTCAGTTCAAAGGACGATGACATCGTTAACAAAGTTGGTGAGTCACCT
GACTCACAGCGAAGAGGACGTCGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101551 representing YP_073752
 Red=Cloning sites Green=Tags

MKMSHLPAWISDEAKCFLSRFFENISSLPVVDIRENPWILSQCIVKTGNSINNVTLYNNLILWIYFHQ
 TLCKKKPDYEEVWQEILKVQKILKDYLEQRQMITDYSSLTSFNKVGFEFEKNAVAKDLLKLSFLRWGTV
 THAADYVNL TTEERAEIGENLQKAKNNMLSFTIYQIVDPWNENGYVVTNINRLLYLGNLLITLHGSWMNM
 EKALALNTINEKNAILKAIENKNFVSIYSYQILSLPLTSHRVTSFFKILTEDFDVITKSLELHALPVKS
 TWDDRVKFTPEPIQTFKVLTDLSSSLSNQFESSKKTSYGSSFNPEPFIKTEQRSNNTLSKDLFVGS
 GLLSSVKKDSMILDEPRNSTSINNSKMKHRILQTEILDLDLTDQTMHRPEDKVNQFNEIAVAPDGINQVIDT
 LSKLDLHNSNKVIDIVSSPKVNVVQLPKNKIDYHSTFFLPENEVNRQNGVQSRDQLSKNSTNDLQKILEL
 RERIKTIKQNNEDIFKLPSEKRRIEIVHENLQSFDEHNEMSLPPQDQKSIKQKNGNKANSSTKTLNMIG
 TNDVNASMKEKESASSAKKNQLVKDVKWPSSLLDLRRNDLLQKELFESGLGEKVKKLLTDFDTDISL
 EERSLKDVLPEPKKTDVSNIAATFNDNNLKNLLNSRKRDP LFQNF SFTEKMQPVRSPFFLPNAEIQDFDSG
 SLLTGKETQNTIFGASKAQEDGDKDLIDLENSVQKDDDDIVNKL VSHLTHSEEDVV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 2265 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_073752](#)

RefSeq ORF: 2265 bp

Locus ID: 3289470

MW: 86.6 kDa