

Product datasheet for **VC101359**

U11 (NC_001664) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U11 (NC_001664) 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 VC101359 represents NCBI reference of NP_042902 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTGCAGCGGCATCCAATCCCCTTTCATGGCTGGATAGAGACAAGGTTGAGAGTTGACTGACT
TTCTTTCAAATCTGGAGCGGCTCGACAATGTCGATCTGAGGGAACACCCACGTTACCAACTCCTGCGT
GGTACGGGAAGGTGACGACGTAGATGATCTGAAAACCTGTATAACTTGTGGTCTGCTGGCTTATGTAT
CACTATGTGCTTCCAAGAGAAAGCCAGACTATAACGCAATTTGGCAGGATATCACCAAAGTGCAGTCCG
TGGTCAACGAGTACTGAACTCAAAGGCTCAACAAGGCATATTTGAGAATATGTTTACTAATAAGGA
GAAATTTGAGAGCAATTTCTGATATCAATCGAGCACTTCTGCGGCTCGGGAATTTTAAATGGGGA
AGTAACGTCGCTATCGACACACCTTATGTGAATCTGACTGCTGAGGATTCTCCGAAATCGAGAATAACC
TTCAGGACGCCGAAAAAATATGTTGTGGTATACCGTATATAATCAATGATCCTTGGGACGAAAATGG
GTACCTCATAACATCCATAAACAACACTCATCTATTTGGGCAAACCTCTCCCTGGCTTACTCAGAGTTGG
AGTAAGCTGGAGAAGGTGGCCATGAGTCAGATAGTGATCACCCAGAATCACCTGTGAGGGCATCTTCGGA
GACACGACAATTTCAACATCGTGTATTCACATCGGGTGTTCAGACACCTCTGACCGGTGACGAGTAGA
GTCCTTTCTTAAATCATTACGTCGACTACGATATTATCAAGAGCTCTCTGGAGAGTCACTCTGCGTCC
AAGGCCTTTTCTATGTCAGAAATCGGACCAACTCTCTGATGGACTTTGTCCCTCTTAGAGGCGATATCC
ACAGCAACTTGACATTGCCATCCATGTCATAGACACTAAGAAAAGCTCCCTGGACCTGCCCGTTGAA
GAAATCCAATAGCCGATCCCTGGACTCTTTCTTAGGATGCAGCGACAGCCTAAATTTCTCGAACTGGAT
TCCGTCGACAACCGCGGTGAGAAAATTTGCTGAAGGAAGCCACACTGGGCGGCGAGAATGTGAAGGCTA
CTACCCCTGCCTCCAGTGTCTCCCTGATGTCGGCGTAGAATCTCCAGTTCCTTTACCAGCACTAACCT
GGACCTGCCCTCTCTTCAATTTACATCCACTAACCTGGACCTGAGAGACAAAAGCCATGGCAACTACAAG
ATTGGCCCTTCAGGGACTGGACTTTAATGTGAAATTTCTCCAACGCCAGCTGAATACCAATGGGG
TGGATCTCCTGCAGGACAAAAGTACGATTTGGGTACCTAGTTCAGGAATCACAGACGTCGTCATGGCTT
CGGCAACTTAATCTGCATCAGAACAATCTAATGTCTCTCCACCATGGTCAAGAAATACAGCAGCAAAAC
GCTGACTTTCTGATCCAGTCCATCGGTTCTGCTGCTGAACAGACTGGCACCCCTTCGACTGAACAATA
GCGACGTGGCCGCGAGTGAAGCGAAGCATAACCAGTACTCTACTGAGACAGGAGTGTCTCCTCGGAATGT
CTTCTCATCAAAGACCTTAGAGGGAAGGACGGCTTTTCGAAACAGAAACAGAGCGACATCCCTAAATCC
TTGACCAAGGAGAGGAACGACAAGGCCATCATGCACTCCCGAGAGGTTACTGGCGACAGCGGGGATGCGA
CCGAAACCGTGGGCGCACGAAATAGCCCTGCGCTCCGCAAGATCAAGCAGGCAATGACTTTTTTGTCTGG
ACTCAACAAGAAAAATGATAGGGACGTATTGCGGGCGGCAAGGTAACCTCAAGGACCTGCACAGCGGC
GGAAATGCTAAAAAAGGAGATGTCCGGCAAATTTAACGATGACAAGGAAATGACACGGAACCGCCAGG
AGCCTTCAGAAGCCTGATGGGCGACGCCAGGAACGCCGGCGATGAGCAGTACATCCAGGCCGCGCTGGG
ACAGAGAGTGAACAACCTGCTGTCTCAGTTTACAACTTGATCAGCCTGGGAGAGAAGGGCATAGAAGAC
ATCCTGCAGAACCAGCGGGCACTGAGCTCAAACCTGGCAACCGAGAATAAGTCCGGCAGGGAGAGCGAAG
AGGCCAATGTGCAAAAAATCCTGGAAGTGTCAAACCCCAAGGATATGTTCAAAAACTTTAGGCTGCAGAA
CGACCTGGATTCTGTACAGAGCCCTTTTCGGCTTCCGGATGCGGACCTGTCAAGAGAACCTGGACTCCGCC
AGCTTCAAAGACGCACTCGACCTTAAACTGCCTGGCAACGGGAACGAGAGATCGACCTGGCCTTGAGGA
AGGTGAAGGTTGGCGAGACCGAGACTTCAGATCTTAAGGTAGGGCAGGACGAGAGCTTCTTCTGCACA
GCTGATGAAGGTGGAGACCCCGAAGAGAAAGATGACATTATCGAACAGATGGTGTGCGGATTAGGCGAG
GATGGCGAGACTGATGAGAACACGGTTTCCGGCCCTGGGGTGGCCGAGTCTCTTGACATTGAGGCGAAAG
GAGAAAGTGGATAGCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101359 representing NP_042902
 Red=Cloning sites Green=Tags

MDLQRHPIPFALWDRDKVERLTDFLSNLERLDNVDLREHPHVTNSCVVREGDDVDDLKTLYNLLVLWLMY
 HYVLSKRKPDYNAIWQDITKLQSVVNEYLNSKGLNKGIFENMFTNKEKFESQFSDINRALLRLGNFIKWG
 SNVAIDTPYVNLTAEDSSEIENNLQDAEKMLWYTVYNINDPWDENGYLITSINKLIYLGKLFALATQSW
 SKLEKVA MSQIVITQNHLSGHLRRHDNFNIVYSHRVLQPLTGQRVESFLKIITSYDIKSSLESAS
 KAFSMSEIGPNSLMDFVPLRGDIHSNLTLPMSIDTKKSSLDPARLKKSNSRSLDSFLRMQRQPKFLELD
 SVDNAGEKILLKEATLGGENVKATTPASSVSLMSGVESPSSTSTNLDLPLSSFTSTNLDLDRDKSHGNYK
 IGPSGILDFNVKFPNNAQLNTNGVDLLQDKTSIGSPSSGITDVVNGFANLNLHQNKSNVSPWRNTAAN
 ADFLDPVHRFVPEQTGTPFVLNNSDVAGSEAKHTTYSTETGVSPRNVFLIKDLRGKDGFRKQKQSDIPKS
 LTKERNDAIMHSREVTGDSGDATETVGARNPALRKIKQANDFFAGLNKKNDRDVLGGKGNKSDLHSG
 GNAKKKEMSGKFNDKEMTRNGQEPSRSLMGDARNAGDEQYIQAGLQQRVNNLLSQFTNLISLGEKGIED
 ILQNQRGTTELKLATENKSGRESEANVEKILEVSNPQDMFKNFRLQNDLDSVQSPFRLPDADLSRELD SA
 SFKDALDLKLPNGEREIDLALAKVKVGETETSDLKVGQDESFVPAQLMKVETPEEKDDIIEQMVLRI RQ
 DGETDENTVSGPVAESLDIEAKGESAIAS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN:	NC_001664
ORF Size:	2610 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_001664.2</u> , <u>NP_042902</u>
RefSeq ORF:	2610 bp
Locus ID:	1487891
MW:	97.1 kDa