

Product datasheet for **VC101565**

U26 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U26 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101565 represents NCBI reference of YP_073766 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAACGTCATGATAAGCTTTAGCATGGGCCTTGTCTCGGCAACGTTATTCCTGGCGAGAGCTGTT
TTCATCTCATGATCAAGAAAACCTGTTTGAACAGGTGGTCTGATCTTTCTTTTCTCTGGTGGCCTCCT
CCTTACCTACAGGCGAGTGAATCTGTTAATTACTGCCCTTCAACGATCTTAAGATCATCACCTTGTCT
CTGCTGGTCTCCAAATGACGGATGAGTTTTTTTTGGTGATATGTTCTTCTGTTTTCTGAAATTC
GGTTGCGGGCGATTGTTGTAGGTGCATGCTCATATTTCCAACCCATTCTATGGCAAGTTACTTCGGCAC
CTTGATCGCCATTGTGCTTAAAATCTCTGACCTTGTCCATTATCGGCTGCTGGTGACAGTGTCTTATA
ACCCCGTATGTGACCAGCTACAAATTTCTGTCAATCCACCAATTCGCTATGTGTCTCCAAAGGTACA
AGCCTATCTATAAGCCGAACGGACCTTATCAAATGGCGATCAAGGACGTGATTGTGTATCTGCTCAGTT
TTTGACATTGACGCTGTTGGTCTGGTTGGTAACTTTATCTCCCGCAAGTCTGTGACACCTTTTC
TTTCTGGCCGCTCCATTCCAACCTTTCATAACCAAGCTGTATCAGCTGGTCTGTGCTCATATTGT
GTCTCCTGGCTGGGTTATTACAGAACATTGTTCTTTTCACTGCTCTTCGAGTTCTTCTGGGACTGGG
TTATTCCGCGCTCTTGTCTCAGATTTCTAAAACAGTTGGGAGGAAAGACATCTTCACAGGCGATCTGCTC
AATCTCTTTTACTGTAGCGCTGCTTCGTAATCTTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101565 representing YP_073766
Red=Cloning sites Green=Tags

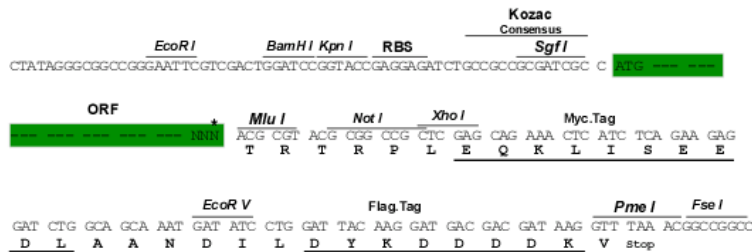
MWNVMISFSMGLVLGNVIPGESCFHLMIKKTLFEQVVLIFLFSGGLLTYRRVNLFNYPFNDLKIITLS
 LLVLQMTDEFFLVICSFLFFSEIRLRAIVCRCMLIFPTHSMASYFGTLIAIVLKISDLVHYRLLVTVFLI
 TPYVTSYKFLVNSHQFAMCLQRYPKIYPNGPYQMAIKDVIVYLLQFLTLTLVWFGKLYLPRKSCQHLF
 FLAVLHSNLFITKLYQLVLCILCLLAGVITEHCFFSLLFEFFLGLGYSALFAQISKTVGRKDIFTGDL
 NLFYCSACFVIFF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NC_001716

ORF Size: 879 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_073766](#)
RefSeq ORF: 879 bp
Locus ID: 3289484
MW: 33.9 kDa