

Product datasheet for **VC101467**

U26 (NC_000898) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U26 (NC_000898) 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 VC101467 represents NCBI reference of NP_050207 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAAGGCTCACCGACTCCTTTACTGGGGCTGGCAAAGGGCGGGTTATTCCTGGCCTTTATCCAT
TCCGCATGACAGAGGGAAGAAGCTCCCTTGAACAGATCGGGTCGTGATAACCGTGGCCATCTCATTCT
TCTGACATTCAAGAAGTTTGACCCACGATTTTATAAGCCAATCGGAGATTTTAAGATTGTGTTCTGTCT
CTGATGGCGGCTAAGCTCCCTAGCTTCTGAGTGCCGTTGTCATGATCTGCCTCATTTTTCCGAGATGC
GGCTTCGGATGATTCTGAGTAGATGCGTTCTCATTATGCCTAGCTACTCTCCGGCCGTGTTTACAGGCAT
GATGGTCTCACTGTTTTCAAGTCACAGATGTTGATGATTATTCAAGTCTCACCACCACCGCATTCTT
CTTCCGTTACCTTGAGATATGGCTGGATGATCCGATCTCAGGCTTCTGATTAGCTTGCAGAAAATACC
GCCCGATTTTGAATCTACTTCTTTAGAGAGGTCGATCTGAAATATCTGGTTAAGTTTACGGTGAATT
CCTCTTGCTTTTACCATCCTTTGGATTGGGAAGATATTCCTCTCCATGCCCAAGTCCAACCACCTGTT
TTCCTTACCGTAGTGAATAATGTGTTCTCAAAGTGAATGCTTCAAGGCCGCTGCTTGCCCATGGTGG
CCATTCTGAGCGGACTGATGATGAATGTGTCTCTACCGGATCATTTTCGAGGCTTTCTTGGGCTGGG
CTTTCCAGCATTATGCTTACCCTGAGTCCGATCTTAAGGACAGGAGCTTTTACGCCGGAGATCTCCTC
AACGGATTCTTGTCTGGTGGTGTGTCATGATTTTGGCGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC101467 representing NP_050207
Red=Cloning sites Green=Tags

MRRLTDSFILGLAKGAVIPGLYPFRMTEGRSSLEQIGVVITVAISFLLTFKKFDPFYKPIGDFKIVFLS
 LMAAKLPSFLSAVVMICLIFSEMRLMILSRCVLIIMPYSYPAVFTGMMVSLFFKSQMFDYSVLTTTAFL
 LPFTLRYGWMIRSSGFLISLQKYRPIKSTSFREVDLKYLVKFTVEFLLLFTILWIGKIFLSMPKSNHLF
 FLTVVNNVFFKLVNFKAAACAMVAILSGLMMNVCLYRIIFEAFGLGLGFSSIMLTLSSDLKDRSFYAGDLL
 NGFFCLVVCCMYFGV

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_000898

ORF Size: 885 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_000898.1, NP_050207
RefSeq ORF: 885 bp
Locus ID: 1497028
MW: 33.6 kDa