

Product datasheet for **VC101428**

U82 (NC_001664) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U82 (NC_001664) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U82
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101428 represents NCBI reference of NP_042975 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTTCTGTTGTCGTAATGTCCCTTATTCTGCTCACATTCTCCAAGGCAATCCCCCTTTCAACC
ACAATAGTTTCTACTTCGAAAAGCTTGACGACTGCATAGCAGCCGTGATCAATTGCACTAAGAGTGAAGT
CCCCTGCTTTTGGAGCCAATTTACCAGCCGCCCGCTACAACGAGGACGTAATGTCTATTTTGTGGCAA
CCACCCACCAAGAAAAAGCCATTCTCCAGGATCATGGTAACAGATGAATTTCTGTCCGACTTCTGTCTGC
TCCAGGACAATCCTGAGCAGCTTCGCACCCTGTTGCTCTCATACGGGACCCAGAAAGCCGAGATAACTG
GCTCAACTTCTTCAACGGATTTAGACCTGCTCCCCAGCGTTGGAATCACTACATGCATCCGAGACAAC
TGCCGCAATATTTCCCCTGAGAAGATCACCTATGTCAATAACTTCTTTGTTGATAATATTGCAGGGCTGG
AATTCAACATCTCTGAGAACTGACTCTTCTACAGCAATATAGGGTTCCTCTTGTACCTGGAGAACC
GGCAAAGGAGTGACTAAAATTATCCGATTCCCCTTCAACTCTCTGACCTTGTGGACACCATCCTTAAT
TGCCTGAAGTATTTCCACCTGAAGACCGCGTTGAACTCGACCTTTGAAGCACATGGAGACGTACAACA
GCAAGCTGCCATTTCCGAGCAGTAGACCTACGATCCTGATCCGCAACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC101428 representing NP_042975
 Red=Cloning sites Green=Tags

MELLFVMSLILLTFSKAIPLFNHNSFYFEKLDCCIAAVINCTKSEVPLLEPIYQPPAYNEDVMSILLQ
 PPTKKKPF SRIMVTDFLSDFLLLQDNPEQLRTL FALIRDPE SRDNWLNFFNGFQTCSPSVGITTCIRDN
 CRKYSPEKITYVNNFFVDNIAGLEFNISENTDSFYSNIGFLLYLENPAKGVTKIIRFPFNSLTLFDITLN
 CLKYFHLKTVGVELDLLKHMETYNSKLPFRSSRP TILIRNT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001664

ORF Size: 750 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_001664.2, NP_042975
RefSeq ORF: 750 bp
Locus ID: 1487962
MW: 29.0 kDa