

Product datasheet for **VC101430**

U84 (NC_001664) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U84 (NC_001664) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101430 represents NCBI reference of NP_042977 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGATAGGGGAAATAAAAACACCAGTAAACCCGGCAGACCGTGAAATCCAGGAGAACCCGAAAGA
CCACAAAACAGTTCGTAGAACGGAAAAAGAACTTGAGCGCCAAGACCACCATTGCAATAATAGACTGCA
AAACAATTTGTCTCCACAGACAACCCCAACAGAAAAACCGGTAGATTACGCCACTGCCCGAGTGTTCGG
CAGCACACTCCCTACGACATTAAGTTTAAACAAAGAAAAGTACAGGAACAACGAAATTTATGCCTACAGTA
AACTCCGCAAGATCAGCAACGCCGTGTTCCGCCAAGAGAAAAGAAATCAACCGACTACCGTCTTCACGGA
CAAGCCACTGGCCGACCTTTCCTTCAAGATGCCAGTGAACACTTCTACTACGAGAGAAGAAGGAAATCGTC
AGGAGTACCGAGTGCCAGCGGCAAGATAGAAACACCGTCAACGCTTTTAAAGATTTTTCAGTCATATGAGA
CTTCACCCCATACTCCCATGTAGCCCAAGAATTTTATGTCGAGATCTACAGGCTGTTTCAGATGCTA
TAACGCCTCTATTGTTTCAGATTCAGGTGACTCACGCAACAAGATTCTGATAAACGCTATGCAAGAAAAG
CTGATGTCAATTGGGAACATGGTGATCAACGTTGGCGAACAGATCATCAGCGAGAGCGTGCACCATGAAC
CCGTCGTGGCCATTGCAATCAACAGTTCCTCAGGGGCACAGTGCCCCAGACAGACGCTCTGAGGAAGAA
CGCCGTGACCCCTATCCCTGTGAATGCTAGCAAGAAAAAACTGGTTGGGATATGTAGTCTTATGATCAAT
GCCCAACCGAGAAGGACTTGCTGTGTGCGGCACACGTATGTATCAATTCGCTATTTGCTATCCTAACG
AAATTACTCTGAATATCGCGAAGCTGACTCAGCCAATGCTGCTGCAGGAGCACATAACCATATATAACTC
CTTCAACAAGTATATCTACTGGGATGATTATGGGAAATTGCTTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



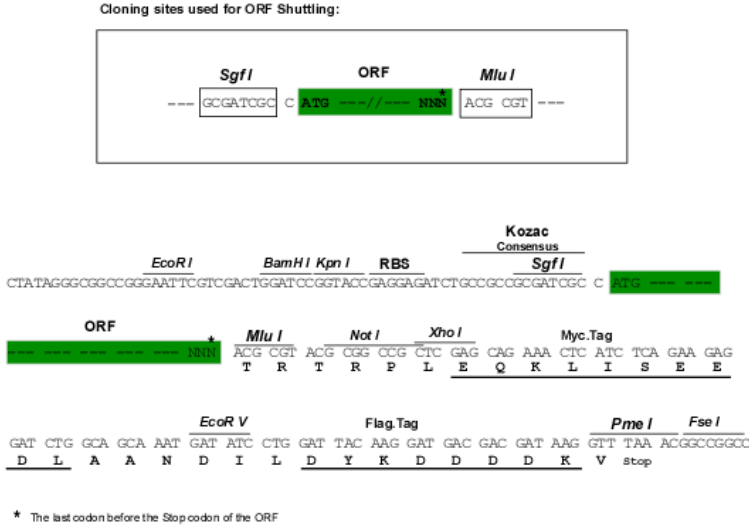
Protein Sequence: >VC101430 representing NP_042977
 Red=Cloning sites Green=Tags

MKDRGNKNTSKTRQTVKSRTRKTKQFVERKKNLSAKTTIRNNRLQNNLSPQTTPEKPVVDYATARVFP
 QHTPYDIKFNKEKYRNNIYAYSKLKISNAVFRQEKEINRLTVFTDKPLADLSFKMPVNTSTTEKKEIV
 RSTECQRQDRNTVNAFKIFQSYETSPYPSPCKNFMSEIYRLFRCYNASIVQIQVYSRNKILINAMQEK
 LMSIGNMVINVGEQIISESVHHEPVVAIAINQFFRGTVPQTDALRKNVTPIPVNASKKKLVGICSLMIN
 APTEKDLLCAAHVCINFAICYNEITLNI AKLTQPMLLQE HITIYNSFNKYIYWDDYKLLN

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001664

ORF Size: 1026 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_042977
RefSeq ORF: 1026 bp
Locus ID: 1487964
MW: 39.6 kDa