

Product datasheet for **VC101621**

U84 (NC_001716) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | U84 (NC_001716) 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 VC101621 represents NCBI reference of YP_073821 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGGGCAAGAAACGAAAAACGGTATGTAAAGCTAAGGGCAAACCTACGAGCAAGTCCTGTATGTGTA
CTAAGGCTAACGCTCGCTACACCTGCAACTGTTTCAGCAAGACCCTGCCATTTAACGAAAAGGCAATAAA
GTGCACCATCCCTGAAAAGATCAACTCCGAGATAAATATCTCTAAATCTGAAATGCTCCTGAAGCGGGAC
AAATATACCAATGCCATATACAAGCATTCTAAACTGAGGAAAATTTTTAAGGCTGTGAAAGAGAATCTGT
CAACCACTAATTTTCGCAACAAAGAGCAAAGGAATAGTGCATTCAAACCTTAAACGATTCAAAGCCAATCCA
CTCACCTGAGATTAAGAATTATACAGATTTTAATTGTGATTTTCATGCATCCATGCCGTCTCTGTAGTCCA
AAAAATTTTCTGTCCGAGGTGTACAAACTTCTTCGCTTCTATAACTCTACAGTGGTTCAGATCCAGGTGT
ATAGCCGGAACGGGCTTCTCGTGAATAGTCTGCACGAGAAGTTGATGAAATCGCCAACCTGATCGTTAA
TAAAGGTGAACAGACCGTGTGAGAGATCTTTTCCACGAACAGAAGACCGCCATCGCCATTAATCGGTTC
CTCCGCGGGACTGTCCCCATACAGAGTTGACCCGAAAAGAGGCAATGATGCCGGTGAACGTTAATAGCA
AGCATCGGAAAACTCCGGCGTGTACTCACTCTACATTAACGCTCCGACCGAGAAAGACTTGTCTGCGC
TGCTCATTGTGTGTTTCAGTTCTCTATACGCTATCCTGCAGACATCCTTTTGAACGTATCCAATTGACA
CAGCCTCTTCTGCTGAAGGAACACCTTATTATCTACAATACCTTTAACCGCTACATCTATTGGGACGATT
ATGGGAAGCTCCTGAAGACG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101621 representing YP_073821
Red=Cloning sites Green=Tags

MRGKKRKTVC KAKGKLT SKSCMCTKANARYTCNCF SKTLPFNEKAIKCTIPEKINSEINISKSEMLLKAD
 KYTNAIYKHSKLRKIFKAVKENLSTTNFATKSKGIVHSNFNDSKPIHSPEIKNYTDFNCFMHPGCLCSP
 KNFLSEVYKLLRFYNSTVVQIQVYSRNGLLVNSLHEKLM EIANLIVNKGEQTVSEIFFHEQKTAIAINRF
 LRGTVPHTELTRKEAMMPVNVNSKHRKNSGVYSLYINAPTEKDLFCAAHL CVQFSIRYPADILLNVSKLT
 QPLLLKEHLIIYNTFNRYIYWDDYGKLLKT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 930 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_073821
RefSeq ORF: 930 bp
Locus ID: 3289539
MW: 35.7 kDa