

Product datasheet for **VC101573**

U34 (NC_001716) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | U34 (NC_001716) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | U34 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >The Viral ORF clone VC101573 represents NCBI reference of YP_073774 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCAAAGAGAAGATGTATGACGAGCTCATTCTCTCCACCTGTAGGGTCTTGAAGCTGGGACCTGCAG
ATTTTCGGTTACGGATAAGAATCTCTTAGCAAAAACCCTAAATCCCCTGTGCGACATCCTCCTCAA
ACTTGACTTCGCATACAGCCTTGAATATTGCTGTCCCTGTGGGAGGATCTCACCAAGCAGGAGGCTCGC
TTTATCTTTAAAAACACAGGCGCGCGTGAGCATGAGTTGTTACTTGCATGCTCCCATTAACAAGAGA
GCCAGAACATTGTGAAAGAGTGCAACTACTCAACGTAACGAGTGCCTTAGTGTGTCTTAATGACAT
CGAAGCCATCAAGCCCTCCAGCTCTGGGGTCTCACGAAGTGATTATTTCGGAGAAAACAGAGACGCCGCC
TTTATCGTTGAGTTGTGCGTTTCGGCCAGAAAGCGAGTCTGAATACATCGCCCTCCTGAAAGCTATCA
TTCTCAAGAAAAATTCCTCGAAAGGCAAGATTTGAAAAGCATAGGGCAGCCCGGCATATAAAAAACC
CCTGCGTTGCAGCTTAAGTCTGTGGGAGAGATGACAAGCTTTCGGTCCATAAATTATATGGGTAACACT
AAGGATGCTGCCGTGTTCCCGTCACAGTCCCTATTTGCGCGAAGGAACAACATTCTTTGCGGCTTCC
TGGTAGCCGCTCTTTGATCGTTTGTACGTCATCTTTAAGGAATTCGCGCTCTCTGCAGACTTTTCTGC
CGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101573 representing YP_073774
 Red=Cloning sites Green=Tags

MLKEKMYDELILSTCRVLKLGPAFRVTDKNLFSKNPKFPLCDILLKLDFAYSLEYLLSLWEDLTKQEAR
 FIFKNTGGAVSMSCYLHAPIKQESQNIIVKECNILNVNECLSVCLNDIEAIKPSSSGVLTKCIIRNRDAA
 FIVEFVAFGPESESEYIALLKAILKKKFLERQDLEKHRAARHIKKPLRLQLKSVGEMTSFRSINYMGNT
 KDAAVFPVTVPIFARRNNILCGFLVAALLIVCYVIFKEFALSADFSAV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 774 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_073774
RefSeq ORF: 774 bp
Locus ID: 3289492
MW: 29.3 kDa