

Product datasheet for **VC101475**

U34 (NC_000898) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U34 (NC_000898) 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 VC101475 represents NCBI reference of NP_050215 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAATGTCTTGAAGGAGAAAATGTACGACGAGCTTTTGAGCGCAACCTGCAGGATTCTGAAGCTCG
GAAGCCATGATTACAGGATGACCGAGAGAAAACCTGCTCAGTAAAAATCCCAAGTTCCTCTGTGCGACAT
CATCTTGAACTGGACTACGCTTATAATCTCGAGTACCTGCTCAGCCTTTGGGAGCACGTCACGAAGCAG
GAGCCTCGCTTCGTATTTAAGAATACTGGTGGGCGCTTCCATGTCATGCTACCTGCACGACCCCGTTA
AAGCCGAGGGTCACCATGCAGTAAGAGAATGCAATATTTTGAGAGTCAATGAGTGCCTTACTGTGCGGAT
GTCTGACATCGTTGCCATGAAACCCTCAACTTTCGCTGTATTCACGAAGTGTATCATTAGACGCAACAGA
GACGAGACTTACGTTGTGGAATTCGTCGCGTTTGGCCCCGAAAATGAATCCGAATACATTTATTGTTGA
AAGCTATTTTCTCAAAAAATGCTCCATGGGAAAGCAACATCTGGAGTCAAACCGCTTCTGCCAGGGCCT
CAGGAGACGGAGTAGTCATGTGCTCGAAAAGGACAACCTCGGATCCAGTGGAGAGATAGCAAACAAGGCT
TCTGCAGTCGTGACCAGCAAGAGAGCATTAAATCAGTTTTACGAAAAGGAGAAAAGCTTCTGTCTGGTG
TCAAATTTCTCAAGGCTGAGTGAACGCCATTGCAGAGTGGCAATCGTCTCCATTTGCTTTCTGTTGGCTCT
CTATTTTTGCTACGTGCTTCTGAAAAAGACACCCACCCAGCGTCAGGCCAGTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



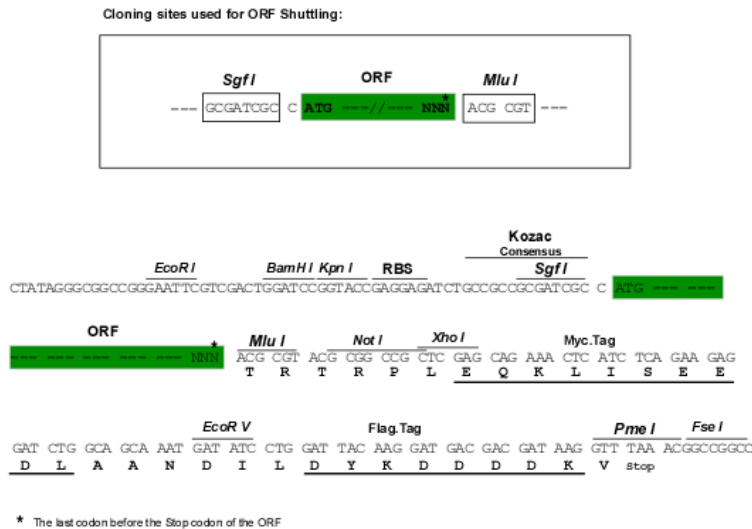
Protein Sequence: >VC101475 representing NP_050215
Red=Cloning sites Green=Tags

MANVLKEKMYDELLSATCRILKLGSHDYRMTERNLLSKNPKFPLCDIILKLDYAYNLEYLLSLWEHVTKQ
 EPRFVFKNTGGAVSMSCYLHAPVKAEGHHAVRECNILRVNECLTVRMSDIVAMKPSTFAVFTKCIIRNR
 DETYVVEFVAFGPENESEYISLLKAIIFLKKCSMGKQHLESNRFQGLRRRSSHVLEKQQLGSSGEIANKA
 SAVVTSQESINQFYEKEKSFLSGVKFSRLSERHCRVAIVSICFLALALYFCYVLLKKTPTPASGPVV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_000898

ORF Size: 828 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_050215
RefSeq ORF: 828 bp
Locus ID: 1497036
MW: 31.4 kDa