

Product datasheet for **VC101382**

U34 (NC_001664) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U34 (NC_001664) 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 VC101382 represents NCBI reference of NP_042927 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAATGTACTGAAAGAAAAATGTATGACGAACTGCTCTCAGCCACATGCCGAATACTGAACTGG
GAAGCCATGATTATAGAATCACAGAACGGAACCTTCTCTCAAAGAATCCAAAGTTTCTCTGTGCGATAT
CATTTTGAAGCTTGATTACGCCTATAACCTGGAATATCTGCTGAGTCTGTGGGAGCACGTGACCAAGCAA
GAGCCTCGGTTTGTCTTTAAAAACACTGGCGGCCGAGTAAGCATGAGCTGCTATCTCCATGCGCCCGTAA
AGGTCGAGGGCCACCATGCAGTGCAGGGAATGCAACATCCTGAGAGTTAACGAGTGTCTGACCGTCCGCAT
GAGCGATATTGTGGCTATGAAGCCCTCTACATTTGCAGTGTTCACCAAGTGTATTATCAGACGGAATAGA
GATGATACATACGTGGTAGAGTTTGTGCGCTTTGGACCCGAGAATGAGTCAGAATATATATCACTCCTGA
AAGCCATCTTTTGAAGAAGTGCTCCAAGGAAAGCAGCACCTTGAATCCAATAGGTTCTGCCAGGGACT
GCGAAGAAGGAGCAGCCACGTACTCGAGAAGGGTCGGTTTGAATCATCCGGCAAAGTGGTCAATAAGGCT
TCTGCCGTAGTTACCTCACAGGAGAGTATTAAGCAGTTCTATGAGAAAGAGAAATCACTGCTTAGCGGAG
TGAAGTTTGGAGGCTTCCGAACGCCACTGTAGATTTGCGCTGGTTGGAATATGCTTTCTCTTGGCCTT
GTACTTCTGTTAGTCTCCTGAAGAAGACTCCTACTCCTGCATCCGGCTCCGTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

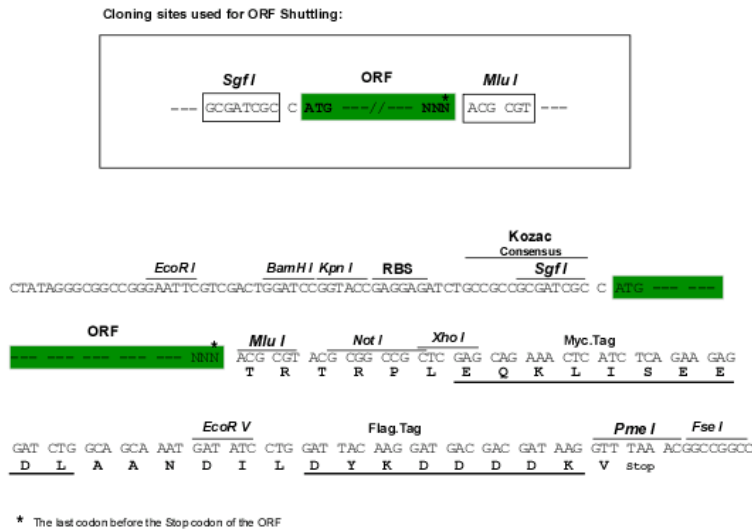
Protein Sequence: >VC101382 representing NP_042927
 Red=Cloning sites Green=Tags

MANVLKEKMYDELLSATCRILKLGSHDYRITERNLLSKNPKFPLCDIILKLDYAYNLEYLLSLWEHVTKQ
 EPRFVFKNTGGAVSMSCYLHAPVKVEGHHAVRECNILRVNECLTVRMSDIVAMKPSTFAVFTKCIIRNR
 DDTYVVEFVAFGPENESEYISLLKAIFLKCKSMGKQHLESNRFQGLRRRSSHVLEKGRFESSGKVVNKA
 SAVVTSQESIKQFYEEKSLLSGVKFWRLSERHCRFALVGICFLALYFCYVLLKKTPTPASGSV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001664

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_001664.2, NP_042927
RefSeq ORF: 828 bp
Locus ID: 1487911
MW: 31.7 kDa