

Product datasheet for **VC100822**

UL34 (NC_001806) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL34 (NC_001806) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100822 represents NCBI reference of NP_044636 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGCTTGGGCAAGCCATATACTGGGCATCCCGCGATGCCTTCGAGGGACTGGTACAGCGGATCA
GGTTGATCGTTCCCTCAACCCTGAGGGGTGGGGATGGTGAGGCTGGTCCATACTCCTAGCTCCCTGCC
AAGCAGATGTGCTTTTCAGTCCACGGGCACGATGGCTCAGATGAGTCTTCCCAATAGAATACGTACTC
CGGCTGATGAACGACTGGGCAGAGGTGCCATGCAACCCCTATCTGAGGATTCAGAATACGGGCGTGAGCG
TACTGTTTCAGGGCTTTTCCACAGGCCTCACAATGCCCTGGGGGAGCTATAACCCCTGAACGGACCAA
CGTGATCCTCGGGTCAACAGAACTACAGGCCTCAGCCTGGGCGACCTGGACACAATAAAAGCCGGCTG
GGGCTTGATGCACGACCTATGATGGCTTCAATGTGGATTTCTGTTTTGTCCGCATGCCAGGGTCCAGT
TGGCCTTCGCTTCATGGGTCCAGAGGATGCCGGCAGAACTAGAAGGATCTTGTGTGGGGCCGCGAGCA
GGCAATCACTCGGAGGCGCGAACCAGAAGGTACGGGAGGCTTACGGGGCGGAAGCAGGGCTGGGGTA
GCTGGCACAGGATTTAGGGCCAGGGGGACGGATTCGGCCGCTGCCGCTGCTGACACAGGGACCATCAA
GGCCTTGGCACCAGGCATTGAGGGGCTGAAACATCTGCGAATAGGACCTCCCGACTGGTACTCGCAGC
TGGGCTGGTGTGGGCGCGCCATTTGGTGGGTAGTCGGCGCCGGCGCGGATTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >VC100822 representing NP_044636
 Red=Cloning sites Green=Tags

MAGLGKPYTGHPGDAFEGLVQIRILIVPSTLRGGDGEAGPYSPSSLSRCAFQFHGHGSDSESPFIEYVL
 RLMNDWAEVPCNPYLRIQNTGVSVLFQGFHRPHNAPGGAITPERTNVILGSTETTGLSLGDLDTIKGRL
 GLDARPMMASMWISCFVRMPRVQLAFRFMGPEADAGRTRRILCRAAEQAITRRRTRRSREAYGAEAGLGV
 AGTGFRRARGDGFPLPLL TQGPSRPWHQALRGLKHLRIGPPALVLAAGLVLGAAIWWVVVAGARL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001806

ORF Size: 825 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_001806.1](#), [NP_044636](#)
RefSeq ORF: 825 bp
Locus ID: 2703355
UniProt ID: [P04413](#)
MW: 29.8 kDa