

Product datasheet for **VC100899**

UL34 (NC_001798) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL34 (NC_001798) 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 VC100899 represents NCBI reference of NP_044504 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGGATGGCAAGCCTTACGGAGGTCGGCCAGGGGACGCCTTTGAGGGGCTGGTCCAGCGGATCA
GGCTCATCGTGCCAGCAACCCCTGAGGGGGGGCGGGGAGAGTCCGGTCTTACTCACCCCTCAACCCGCC
AAGTAGGTGTGCCTTCCAATTTACGGACAGGACGGGTCTGATGAGGCGTTCCCAATCGAATACGTTCTG
CGACTCATGAATGACTGGGCTGATGTCCTTGTAAACCCATATCTGAGAGTGCAGAATACAGGAGTCTCTG
TGCTCTTTCAAGGTTCTTCAACAGGCCTCACGGCGCACCTGGAGGAGCAATCACCGCCGAACAGACAAA
TGTAATTCTCCATTCTACTGAGACCACCGACTGTCTCTTGAGATCTGGATGACGTTAAAGGGAGGTTG
GGGCTCGATGCTCGCCAATGATGGCTAGCATGTGGATTAGTTGCTTTGTGAGGATGCCTCGGGTGCAGT
TGGCTTTTCGCTTATGGGTCCAGAGGATGCTGTAAGGACGCGAAGAATCCTGTGTCGGCTGCAGAGCA
GGCGTTGGCGAGGCGCAGACGCTCCCGCAGGTACAAGACGACTACGGTGCCGTTGTAGTGGCTGCTGCT
CATCATTCTTCTGGAGCGCCAGGCCGGGGGTGGCTGCATCAGGACCACCTGCTCCACCTGGCAGGGGTC
CTGCCGACCTTGGCATCAGGCTGTGCAGCTTTTTCGGGCTCCGCGCCAGGCCACCTGCTCTTCTTCT
TCTGGCTCGGGACTCTTCTGGAGCTGCGATCTGGTGGCTGTGGGGCTAGATTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC100899 representing NP_044504
 Red=Cloning sites Green=Tags

MAGMGKPYGGRPGDAFEGLVQRIRLIVPATLRGGGGESGPYSPSNPPSRCAFQFHGQDGSDEAFPIEYVL
 RLMNDWADVPCNPYL RVQNTGVS VLFQGF FNRPHGAPGGAITAEQTNVILHSTETTGLSLGDLDDVKGRL
 GLDARPMMASMWISCFVRMPRVQLAFRFMGPEDAVRTRRILCRAAEQALARRRRSRSSQDDYGAVVVAAA
 HHSSGAPGPGVAASGPPAPPGRGPARPWHQAVQLFRAPRPGPPALLLLAAGLFLGAAIWWAVGARL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001798

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_001798.1, NP_044504
RefSeq ORF: 828 bp
Locus ID: 1487320
MW: 29.5 kDa