

## Product datasheet for **VC100867**

### UL3 (NC\_001798) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL3 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100867 represents NCBI reference of NP_044472 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTAAAAGCCGAGTATCATACAGGAGCGTCATGAGTGGGGTTGGAGAGGAAAGAGTCCCTTCCGCAT  
TACTATCCTGGCTAGCTGGGGCTGGACCTTTGCCACAGAATCATGACCCAGGAGCCTCACCCAAACAC  
CACACCTATTGAGTCCATTGCGGGGACCGCACCTGATGCACATGTCGGCCACTGGACGGCGAGCCCGAT  
AGAGACGCTATATCCCTCTGACCTCCAGTGTGGCCGGAGACCCACCTGGGGCCGACGGACCTATGTTA  
CATTTGATACACTCTTTATGGTGAATCTATCGACGAACCTGGGACGCGGCAAGTTGACCGACACAATTTCG  
CAAAGACCTTCGGCTCTCTTTGGCCAAATTTCTATCGCCTGTACTAAAACCAAGTATTTCTCTGGCACC  
GCTGCTAGGCAGCGGAAGCGAGGCGCTCCCTCAGCGCACATGTGTGCAAGGAGCAACAAGTCTTGC  
AGATGTTCTGCTGTGCAACGGGCAACGCGCTCAGGTGAGAGAGCAATTGCGGGCCGTCATCAGGAG  
TCGCAAAACCCAGAAAGTATTATAAAGATCTTCCGACGGACGCTCTGCTCTGAGTTCTGTATTCTGTC  
CACGAGTTGTTAGTTCCGAGCCAATGCGGCTGCACAGGACAACGTGATGTTGAGTACGGAACCTGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC100867 representing NP\_044472  
 Red=Cloning sites Green=Tags

MVKSRSVSYRSVMMSGVGEERVPSAFTILASWGWFAPQNHDPGASPNTTPIESIAGTAPDAHVGPLDGEPD  
 RDAISPLTSSVAGDPPGADGPYVTFDTLFMVSSIDELGRRQLTDTIRKDLRLSLAKFSIACKTSSFSGT  
 AARQRKRGAPPQRTCVPRSNKSLQMFVLCKRANAAQVREQLRAVIRSRKPRKYTRSSDGRLLCPAVPVFV  
 HEFVSSEPMRLHRDNVMLSTEPD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001798

**ORF Size:** 699 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\_044472  
RefSeq ORF: 699 bp  
Locus ID: 1487315  
MW: 25.5 kDa