

## Product datasheet for **VC101198**

### UL6 (NC\_006273) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL6 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101198 represents NCBI reference of YP_081466 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACGGTTGGGCTGGCGTCTGCCTCATCACACTGTCTCAACTCGCTCCAGAACCTATGTCGCC  
TCAACATGCTCGCTTCGCAAGAACCCACGCGCGTCCCAAGTGCCTTTCAACAAGGTCTGGGTTTC  
CAGGTATGCATTGGTCTCATTCTATGGTGTGTGCATCAGAGAGCTCAACCTCTGGCCGTGACTTCC  
AACGGGTCCTAATTGTTCCACTGTTACCCGAACAGCAGGACAGGACGAGAATTGCACGGTCCAGCCC  
CTCTGTCCTGCAATGTGACCCAATGGGGCAGGTACGAGAACGGGAGCACACCAGTCTCTGGTGTACACT  
CAGGGGATCCCGATGAGGGTGTCTCTGGTACCAGGGTGGCCTTCGGATGTAGCTGGAAGACCTTTTTT  
ATTTACAATGTCTCAGAAAGCTCCGGGGTACCTACTATCAGAAGGGATACAATTGTACCGATAAACACA  
TTACCCTGTCTTGTTCACCTGACCGTGTCCCTCGGGCGTTCAGAGTACCACAACTGTTATGACACC  
AACCTGGTAACCAACTCAACTTTCAGCGTCTCATTGGTGGCTCTGAGGCTTACCACCAATTCTTCTGCA  
TTTGGTCATGCTATCTATCAACGGCAGCAGCGGGTAGAAAATGGCACCTCTCAAAAAACATCACCAACC  
TTGCTTTTACTTACGGATCATGGGGGTGCAATGCTCCTTTTCGCCGTGTATGGTCTGGTTCGACCT  
CGGTTGCCACAGAGTGCCTGGAGAAGGTGGCGGTACATGTGGATGACGAGAACGGGGCTGCTGATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101198 representing YP\_081466  
Red=Cloning sites Green=Tags

MNGWAGVCLITHCLNTRSRTYVALNMLAFARTPRGVPSCLFNKVVWSRYALVLIILMVCASESSTSWAVTS  
 NGLPNCSTVTRTAGQDAELHGPAPLSCNVTQWGRYENGSTPVLWCTLRGSRMVSLGHRVAFGCSWKTF  
 IYNVSESSGGTYQKGYNCTDKHITLSCFNLTVPRAVQSTTTVMTPTLVTNSTFSVSLVALRLTTNSSA  
 FGHAIYQRQQRVENGLSKNITNLAFTYGSWGVAMLLFAAVMVLVDLGLPQSAWRRWRSHVDDEERGLLM

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_006273

**ORF Size:** 840 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\_006273.2, YP\_081466  
RefSeq ORF: 840 bp  
Locus ID: 3077507  
MW: 30.9 kDa