

## Product datasheet for **VC100917**

### UL51 (NC\_001798) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL51 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100917 represents NCBI reference of NP_044522 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCCCTGCTGGGGTTCTGTGTGGGTGGGGACTCGCCCTGAGGAGCAGCAGTACGAGATGATAA  
GGGCAGCTGCACCCCTCTGAGGCCGAGCCACGGCTGCAAGAGGCCCTGGCCGTTGTGAACGCTCTGTT  
GCCTGCACCCATAACGCTCGACGATGCCCTTGAGAGCCTCGACGATACCAGAAGGCTGGTAAGGCCAGG  
GCACTGGCAGCACATACCATGCCTGCATGGTTAACCTGGAGAGGCTGGCAAGACACCATCCCGGTCTGG  
AAGGGAGCACCATCGATGGTGCCGTTGCTGCACACCGCGACAAGATGAGGAGACTTGCCGATACCTGCAT  
GGCAACAATTCTCCAGATGTATATGAGTGTGCGGCTGCGGATAAAAGCGCAGATGTTCTGGTTAGCCAG  
GCCATCCGAGTATGGCCGAGTCAGATGTAGTCATGGAAGACGTAGCAATTGCCGAGCGCCCTTGCC  
TTTCCACTTCAGCCTTGCGGGCGGAAGTAGAACAGCCGGCTGGGTGCTACAGAAGCACCTCTGGACC  
TACTAGGGCACAAGCACCCGAGGTCGCATCTGTGCCGGTGACCCATGCCGGTGATCGATCCCTGTTCCG  
CCAGGCCAGTCCCCCGCCGATCCACACCTGATCCTAGACACAGAAGTAGCGCCCCAAGAGACAAG  
CTTCTTCAACTGAGGCTCCTCTGCTTCTGGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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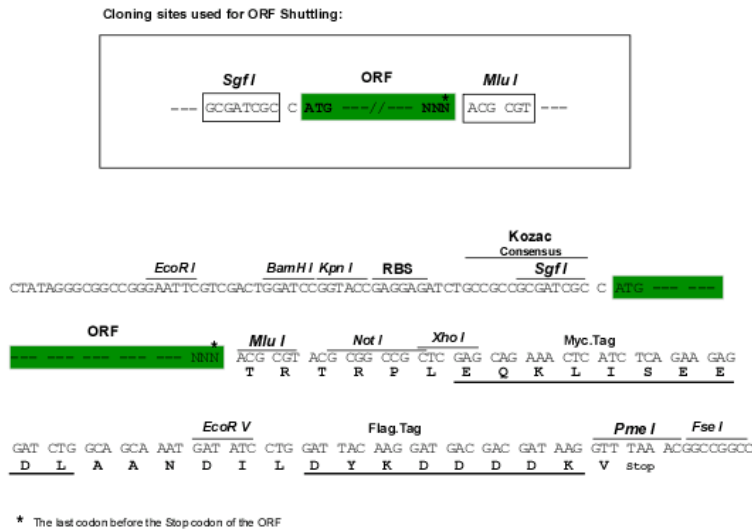
**Protein Sequence:** >VC100917 representing NP\_044522  
Red=Cloning sites Green=Tags

MASLLGLVLCGWGTRPEEQYEMIRAAAPPSEAEPRLQEALAVVNALLPAPITLDDALESDDTRRLVKAR  
 ALARTYHACMVNLERLARHHPGLEGSTIDGAVAAHRDKMRRLADTCMATILQMYMSVGAADKSADVLVSQ  
 AIRSMAESDVVMEDVAIAERALGLSTALAGGTRTAGLGATEAPPGPTRAQAPEVASVPVTHAGDRSPVR  
 PGPVPPADPTDPDRHRTSAPKRQASSTEAPLLLA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001798

**ORF Size:** 732 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\\_044522](#)  
RefSeq ORF: 732 bp  
Locus ID: 1487340  
MW: 25.7 kDa