

## Product datasheet for **VC100500**

### **E1A (NC\_001454) Virus Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	E1A (NC_001454) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100500 represents NCBI reference of NP_040845 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGGATGCTTCCTGATTTTTTTACAGGCAATTGGGATGACATGTTCCAGGGACTGCTCGAGACAGAGT  
ACGTGTTTCGATTTCCGGAACCCCTCGAGGCATCTGAAGAAATGTCTCTGCACGACTTGTTCGATGTGGA  
AGTCGATGGCTTCGAGGAAGATGCCAATCAGGAAGCAGTCGATGGTATGTTCCCGGAGAGGCTCCTGTCT  
GAAGCAGAATCTGCAGCAGAGTCTGGCAGTGGAGACAGCGGTGTCGGCGAGGAACTCTGCCTGTGCATC  
TGGACCTGAAGTGCTATGAGGATGGCTTGCCCCAAGCGACCCCGAAACTGACGAGGCAACAGAGGCAGA  
GGAAGAAGCCGCAATGCCACATACGTGAATGAAAATGAGAACGAACTGGTGCTTGACTGCCCTGAGAAC  
CCCGGTGCGGGATGCAGGCATGTGACTTCCACCGGGGGACTAGTGGAAACCCGAGGCAATGTGTGCTT  
TGTGCTATATGCGGCTGACCGGGCACTGCATATATTCCCAATTTCCGATGCCGAGGGTGAGAGCGAATC  
AGGCAGCCAGAGGACACGGATTTCCGCACCCCTTACCGAACCCCTCCTCACGGCATCGTCCGCACA  
ATTCTTGCCGCTCTTGTGCGAGGCGGCCCGGTGGAGTGCATTGAAGATCTTTGGAAGAGGACC  
CTACCGACGAACCACTCAATCTTAGCCTGAAGAGGCCTAAGTGTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >VC100500 representing NP\_040845

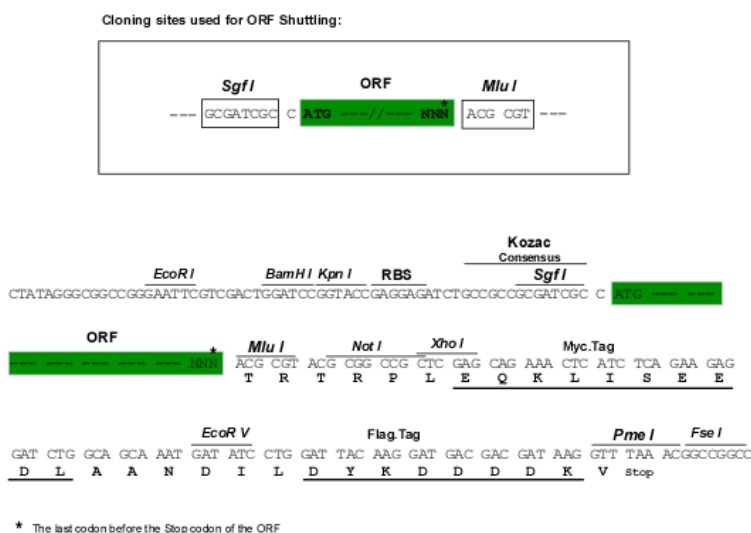
Red=Cloning sites Green=Tags

MRMLPDFFTGNWDDMFQGLLETEYVDFPEPSEASEEMSLHDLFDVEVDGFEEEDANQEAVDGMFPERLLS  
EAESAAESGSGDSGVGVEELLPVLDLKCIEDGLPPSDPETDEATEAEAAAAMPTYVNNENELVLDPCEN  
PGRGCRACDFHRGTSNPEAMCALCYMRLTGHCIIYSPI SDAEGESESGSPEDTDFPHPLTATPPHGIVRT  
IPCRVSCRRRP AVECIEDLLEEDPTDEPLNLSLKRPKCS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001454

**ORF Size:** 747 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\_001454.1, NP\_040845  
RefSeq ORF: 747 bp  
Locus ID: 2715915  
MW: 27.5 kDa