

## Product datasheet for **VC102202**

### E1 (NC\_009824) Virus Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** E1 (NC\_009824) Virus Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** E1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >The Viral ORF clone VC102202 represents NCBI reference of YP\_001491550 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTCGAATGGCGGAACACCAGCGGCTTGTACGTA  
 CTACTACTAATGATTGCTCTAACTCAAGCATTGTG  
 TATGAGGCTGACGACGTTATCTTGACACTCCCGTT  
 GCGTGCCTTGTGTCCAGGATGGGAACACCTCTAC  
 ATGCTGGACTCCCGTGACCCCTACGGTCGCGGT  
 GCGCTATGTTGGCGCTACTACAGCATCAATCCGA  
 AGT CACGTGGATCTTGGTTGGAGCAGTACTATGT  
 GTTCCGCGTTGTACGTTGGGGACATGTGTGGG  
 CGCTCTTTCTTGTGGGTCAGGCCTTACCTTCCG  
 GCCCAGAAGACATCAAACCGTGCAAACCTGCA  
 ATTGCTCCTTTATCCAGGCCACCTGTCCGGGCAT  
 AGAATGGCATGGGATATGATGATGAACTGGAG  
 TCCCGCTGTCGGAATGGTCGTTGCGCATGTTCT  
 GCGCCTGCCACAGACTGTTGACATCATGGCCG  
 GAGCCCACTGGGAATTCTCGCAGGCTGGCATA  
 CTACTCAATGCAGGGCAATTGGGCCAAGGTT  
 GCCATCATAATGGTCATGTTTTCCGGAGTCGAT  
 GCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCT  
 CAGAAGAGGATCTGGCAGCAAATGATATCTGG  
 ATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC102202 representing YP\_001491550  
 Red=Cloning sites Green=Tags

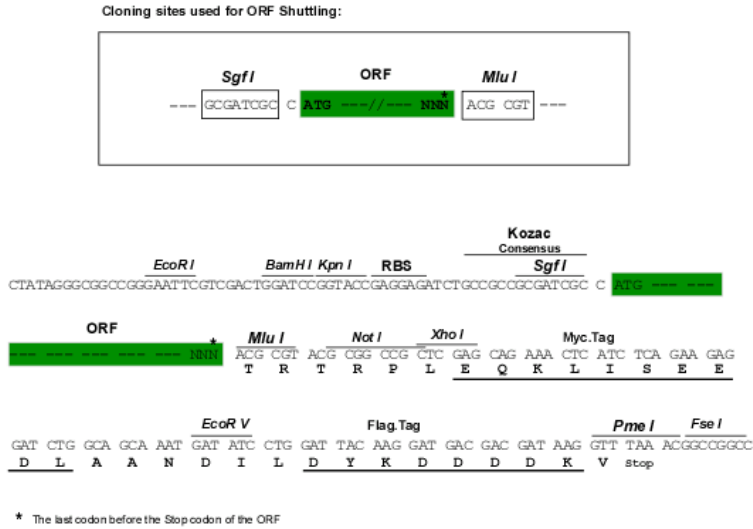
MLEWRNTSGLYVLTNDCSNSSIVYEADDVILHT  
 PGCVPCVQDGNTSTCWTPVTPTVAVRYVGATT  
 ASIRS HVDLLVGAATMCSALYVGD  
 MCGAVFLVGQAFTRPRRHQTVQTCNCSLY  
 PGHLSGHRMAWDMMNWSPAV  
 GMVVAHVLRLPQTLFDIMAGAHWGILAGL  
 AYYSMQGNWAKVAIIMVMFSGVDA

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV



**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_009824

**ORF Size:** 579 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\\_009824.1](#), [YP\\_001491550](#)

**RefSeq ORF:** 579 bp

**MW:** 21.0 kDa