

## Product datasheet for **VC100481**

### L4 (NC\_003266) Virus Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** L4 (NC\_003266) Virus Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** L4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >The Viral ORF clone VC100481 represents NCBI reference of YP\_068037 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCACGCGGTTCTTCCAAGAACTCAAGGTAGAACTGCCTCCCCTTGAAGACCTCGAGGAAGATTGGG  
 AGTCTCCCAAGCAGAAGAGGAGGAGATGGAGGATTGGGATTCAACCCAGGCCGAAGACTCCCTCCAGGA  
 CTCTCTGGAAGATGAGGAAGAGGCCGAAGAGGTGGAGGAGGTGGCCGCCGCCAGACCTCCAGCTCC  
 GCAGAAAAGCAAGCTCAACTGATACGATTAGCGCTCCCGTCCGGGTCCAGCTAGGCCTCATAGTCGT  
 GGGACGAGACTGGCCGGTTTCCGAATCCTACAACACAGACAGGAAAGAAGGAACGCCAGGGATACAAAAG  
 CTGGCGGGACATAAAAATGCCATAGTATCTTGCCTGCAGGCCTGCGGGCAATATCAGTTTCACTAGG  
 AGGTACCTTCTTTTTCATCGGGGTGTTAACTTTCCCGGAACATCCTGCATTATTACAGACACCTTCACA  
 GCCCGTATTACTTCCAGGAGGAGCTGAAAAAGACAAAACATCCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC100481 representing YP\_068037  
 Red=Cloning sites Green=Tags

MPRGSSKLLKVELPPVEDLEEDWESSQAEEEEEMEDWDSTQAEDSLQDSLEDEEEAEVEVEVAAAARPSS  
 AEKASSTDTISAPGRGPAPHRWDETGRFPNPTTQTGKKERQGYKSWRGHKNAIVSCLQACGGNISFTR  
 RYLLFHRGVNFPNRILHYRHLHSPYYFQEEAEKDKTSS

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NC\_003266

**ORF Size:** 537 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\\_003266.2](#), [YP\\_068037](#)

**RefSeq ORF:** 537 bp

**Locus ID:** 2958479

**MW:** 20.4 kDa