

## Product datasheet for **VC101863**

### L2 (NC\_014952) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L2 (NC_014952) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101863 represents NCBI reference of YP\_004169268 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**C

ATGAGCAAGCCAAGGCGCAAGCGGGCTCACCCGAAGATCTTTACAAGAGTTGCGCCTTGGGGGGTACT  
 GCTTCCCAGACGTGCAGAACAAAGATTCAAGGTACAACCTCTGGCAGACAGACTTCAGGTCTTTGGGAGTAT  
 ACTTTACTTCGGTGGCCTGGGAATCGGATCCGGTAAAGGGACTGGTGGCGCGACAGGGTACCGACCGTTC  
 GGCGGGGGCGGAAGTGTTCGCCGCCCTCCATACGAATTCAGCCGGAATCTCTGCCTAAGCCTTCAGTCC  
 CTATCGATCCACTTGAGGAGCTGAGCTCATTCCCTTGGACGTAATCGACGCAACCGCACCTTCCGTGGT  
 GCCCTGACTGAAGGGTGCCTGAGACCACAATCATTAGCAGCGGAACCGGACCAACCATTACTGCAGAA  
 GAACTGGATGTAACAACGCAGATCGACCTTAACACATTTAATAACATCAACGAGCATCCCGCAGTAATTA  
 ACGTCACGGATGAAGGTACAACCGCACTGGATGTCCAGACTCTCCACCCCTAGCAAGAACTTATCTT  
 GGACTCCACCATTACTGATCAGATCGAACTGGTGCCTCTCCATAGAATCTATACAGATCAGAACGTGAAT  
 ATGTTCTGTGGACACCCACTTTGAAGGGCACATCGTAGGCGGGGATCCTAATTTTACAGATATAGTGTCTG  
 CGGAACAGTTCGAGATAGAGGAGGTGAGTCCGAAGACAAGCACCCCGACCGAAAACTTTCAACTGCCGT  
 TGGCAAAGCCCGCCGCTGTACAACCGTGTAAAGCAGGTGCCACGAGCAGCCTCGAGGCCGTGGTA  
 AACCCATCCCGCCAGGTGATCTTTGAGATCGAGAATCCCGCATTTGATGATGAGGTAAGCCTTCTCTTCA  
 ACCAGGAGCTGGTGGGTTACCGCCACACCCAATCCGGATTTCCGAGACATCAATTACCTCAGTCGACC  
 TTTCTACTCCGAGACAGAGAGTGGCAGGGTTCAGTACAGCCGGCTGGGTGAGCGCGCTAGTATGCAGACC  
 CGCTCCGGCCTGGTAATCGGAGAGAAGGTGCAGTTCACATATAATTTTTCAGATATTGAACCAAGTGA  
 CGATAGAGCTGAGTACCCTCGGCACAACCTCCGCCGATTCAATCATAACAGAAATGCCAGGCTGAGAGCGT  
 ATTCATCGATGCCAGGACTCAACACCTCTCACCTATACAGAAGACCAGCTCTTGACGAACCGAATGAA  
 GACTTCGCCAATGCCACCTGGTGTCTCAGACTACGGACGACTTCGGCGATACCTACGACTATCCCGTTA  
 TTCCCCCGGCCCTCGGTACAACTCCTGATCCCTAACTACAACGTAACCCTGTCCTCATTTTCAGCTGCC  
 AGAAGCTAGCGTTCGACAATCCTTCTGAGATCCCATTCGCCCTTACGCTCCCTCCCCATAACCGTA  
 TTCGGCGATACTTCTACTTGAACCTAGCCTGCTGAGCGAAAGCGGAAGCAGTATTTCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101863 representing YP\_004169268  
 Red=Cloning sites Green=Tags

MSKPRRKRASPEDLYKSCALGGDCFPDVQNKIQGTTLADRLQVFGSILYFGGLGIGSGKGTGGATGYRPF  
 GGGGTVSRPSIRIQPESLPKPSVPIDPLGGAELIPLDVIDATAPSVVPLTEGVPETTTIISSGTGPTITAE  
 ELDVTTQIDLNTFNININEHPAVINVTDEGTTALDVQTLPPPSKLLILDSTITDQIELVPLHRIYTDQNVN  
 MFVDTHFEGHIVGGDPNFTDIVLREQFEIEEVSPKSTPTEKLSAVGKARRVYNRFVKQVPTSSLEAVV  
 NPSRQVIFEIENPAFDDEVSLLFNQELAEVTATPNPDFRDINYLSPFYSETESGRVQYSRLGQRASMQT  
 RSLGVIGEKVQFTYNISDIEPVETIELSTLGTTSADSI IQNAQESVFI DAQDSTPLTYTEDQLLDEPNE  
 DFANAHLVLTDDDFGDTYDYPVIPPGLGYKLLIPNPNVTLSSFQLPEASVPTILPEIPFAPYAPSPITV  
 FGDTFYLNPSLLKRRKQYFY

**TR**TRRLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NC\_014952

**ORF Size:** 1533 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\\_014952.1, YP\\_004169268](#)

**RefSeq ORF:** 1533 bp

**Locus ID:** 10146724

**MW:** 55.9 kDa