

## Product datasheet for **VC101897**

### L1 (NC\_014835) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014835) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101897 represents NCBI reference of YP\_004111315 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTCATTGTGGCTCCCCTCAGCCGCCATTGTACTTGCCACCGGCCAAGCCAGTGGCTCGGGTGC  
 TGAGGACTGATGATTACGTGACTGGGACTGACGTTTACTTCCACGCGGGCTCCGATCGGCTCTTGATAGT  
 AGGACACCCCTACTTTGACGTGAAAGAAAGTGCCAAGAACCAGATTACAGTACCCAAGGTGCAGCCAAT  
 CAGTACCGCGTGTTCGATGTAAGCTTCCGGATCCTAACAAAGTTCGCTTGGTTGACAATACCCCTTTCA  
 ACTCTGATAGGGAGAGACTCGTATGGCAGGTTACTGGCCTTGAGATTAAGAGAGGTGGTCCACTGGGCAT  
 TGGCTCAACCGGCAATCCCTATTTCAATAAGATCTCTGACACAGAGAATCCTGCAGTGTATCCCGAGAAA  
 ACCGGAAAAGAACAGCGGATGGATGTGTCTTTTCGATCCTAACAGACCCAGCTGTTTCATCGTTGGTTGTG  
 CCCAGCAATCGCGGAGTATTGGGATGAAGCAAAACCATGCAACGCCCTGAAGCAGGAGAAATGCCACC  
 TATTCAACTGGTCAACGAAACCATTAGGATGGCGACATGGGTGATATAGGCTTCGGGGCTGCTAACTTC  
 AAGAAGCTTCAGAAAGACCGGGCTGGAGTGTCACTGGATCTGGTGGACACCTTTAGCATCTGGCCAGATT  
 TTCTCAAATGACCAATGATATCTATGGCGATAGTATATTCTTCTACGAAAAACGGGAACAGTGCTTCGC  
 AAGGCATTTGTGGGCTAGAGCAGGAACAGCTGGTGACGCCCTGCCTTCTCCAGATAACATTAACATGGTC  
 TTCCCACCGGATATACCCAGAGGTGCCCAATCCAACCTTGGGAGCTTTACTTATTTACCACAGTTT  
 CAGGCTCCCTGAACACCTCCGATTTCCAGCTTTCAATCGGCCATATTGGCTGCGGAGAGCTCAGGGCAC  
 CAACAACGGCATTGCTGGGGGAACGACCTGTTTCATCACCGTCTTTGACAATACCCGCGGCACCAACTTT  
 ACAATCTCTGTCTTGGGCGAGAAAACAAGACAGCAGCTCAATTCACATACAAGTACTCTGCAACCGATT  
 TTAAGCAGTTCCTGCGGCACGCTGAGGAATACGAGTTTGAAATCATCTTCCGGCTGTGTAAGGTCACACT  
 GGATCCTGACGTACTGGCTCACATCAATGTGATGAACCCCGCGTACTGGAAGATTGGAACCTTGCCTTT  
 GTTCCCCACCGCCCGAGGGATAGAAGATGCATACAGGTACCTGCGATCCGAGCCACAAAATGTCACA  
 AGACTCCACCCGAAGAAGAGAATCAAGACCCGATGCCAACATGGTTTTTTGGAATGTCGACATGACCGA  
 GCGATTTAGCTCAGACCTCAGCCAACCCCACTTGAAGAAAAGTTCCTGTATCAGGTAGGCTGCTTAAC  
 GGGAAACGCCCGAACAGATTACACAGTTAACACAAAGAGAAGCGTTAAAAGGAAGCGCACAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101897 representing YP\_004111315  
 Red=Cloning sites Green=Tags

MSSLWLPSAGPLYLPPAKPVARVLRDYYVTGTDVYFHAGSDRLLIVGHPYFDVKESAKNQITVPKVSAN  
 QYRVFRCKLPDPNKFALVDNTLFNSDRERLVWQVTGLEIKRGGPLGIGSTGNPYFNKISDTENPAVYPEK  
 TGKEQRMDVSFDPKQTLFIVGCAPAIGEYWDEAKPCNALKQGECPPIQLVNETIQDGMGDIIGGAANF  
 KKLQKDRAGVSLDLVDTFSIWPDFLKMTNDIYGDSIFFYKREQCFARHLWARAGTAGDALPSPDNINMV  
 FPPDIPPEVPQSNLGSFTYFTTVSGSLNTSDSQLFNRPYWLRRAGTNGICWGNLFIITVFDNTRGTNF  
 TISVLGEKQDSELNSTYKYSATDFKQFLRHAEYEFEIIFRLCKVTLDPDVLAHINVMNPRVLEDWNLAF  
 VPPPPQGIEDAYRRLSAATKCHKTPPEEENQDPYANMVFWNVDMTERFSSDL SQHPLGRKFLYQVGLLN  
 GKRPRTDYTVNTKRSVKKRRTK

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NC\_014835

**ORF Size:** 1536 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\\_014835.1, YP\\_004111315](#)
**RefSeq ORF:** 1536 bp

**Locus ID:** 10067317

**MW:** 58.0 kDa