

## Product datasheet for **VC101883**

### L1 (NC\_014955) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014955) 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 VC101883 represents NCBI reference of YP\_004169290 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTCTCTCTGGTTGCCATCTGCCGGACCTCTGTACCTCCCCCTGCCAAACCACCGCGGGTGC  
 TTCGCACTGACGAATATGTAACCGGCACAGACGTCTATTTTCATGCCGGCTCTGATCGCCTTCTGATAGT  
 TGGACACCCGTATTTAACGTCTACACCGGCAACGATAACAATAAGAAGCTTAGTATCCCTAAAGTGTCT  
 AGTTGTCAGTACCGGGTCTTCCACTGCAAACCTCCCTGACCCTAATAGTTTCGCCCTCATAGACCAGAAAC  
 TCTACAATCCTGACAGAGAGCGACTCGTTTGAAGTTCACCGGCATGGAGATTGGAAGGGGTGGCCCTTT  
 GGGTATTTCCAGCACTGGCCATCCATTGTATAATAAAATTCGCGACACGGAGAATCTAATCAGTACCCA  
 GGGGACGGGGCAGAGCAGCGCATGGATTTCTCCATGGATCCCAAGCAGGTCCAACCTTCATCGTGGGT  
 GCGCCCTGCCACAGGGGAATACTGGGACGTGGCAAAGAAGTGGGAAGAAGGCCAGAAGGGTACTGTCC  
 CGCTATTCAGCTTGTGAACAGCACAATAACAAGCGGTGACATGGGCGACATCGGATTCGGTGCAGCCAAT  
 TTTAAAGCCCTGCAGGAAGATAGGTCTTCTGTGTCCTTGGATCTCGTGGATACATTTTCAATCTGGCCAG  
 ATTACCTGCGGATGACCAAGGACATCTACGGGGATTCCCTCTTCTTCCACGGCAGGCGGAGCAACAGTT  
 CGCTCGCCACTTGTGGGCTCGGGCAGGCACAATGGGTGACGCAATTCCTGAGAGCAACTATCTTACCCCG  
 GCAGAAGGCTCTCCGAAGAAACCAATCTCGGATCTCACATTTATTTCCACAGCATCCGGCTCCCTCG  
 CTTCTTCTGACAACAATCTTTTAAATCGGCCCTACTGGCTTCGGAGAGCCAGGGGACCAACAATGGAAT  
 ATGCTGGGGCAATAGCCTCTTTCTGACGGTGTGGACAATAACAACGCGGCCGACTTAAAGCAGTACACCC  
 GACACACCGAAGAGTACGAGTTGGAGTTTATTTTTCAGTTGTGTAAGGTCAAATTGGAGCCTGACGTACT  
 TGCTCACATCAATGTGATGAACCCTAAAATTTCTGGATCAGTGGCAGCTCGCATTTGTACCCCCCTCAG  
 ACTGCCCTGGAGGACGCATATCGATATCTCAGATCCAATGCCACCCGATGCCACCTCCCTGATGAGAACG  
 AGGAGAGCCCTGATCCATACGCCAAGATGAATTTTGGACGGTGGATCTGCAAGAGAGATTCTCAAGCGA  
 TCTTAGTCAGCACGCCCTGGTTCGGAAGTTTCTTACCAGATAGGACTGCTGAATGGAAACGCCCTCGG  
 ACTGTGTATGCAGAGCAAAGCGTACTAAGACTGTGAAAAGGAAACGCACAAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101883 representing YP\_004169290  
 Red=Cloning sites Green=Tags

MSSLWLPSAGPLYLPPAKPTARVLRDEYVTGTDVYFHAGSDRLLIVGHPYFNVYTGNDNNKLSIPKVS  
 SCQYRVFHCCLPDPNRFALIDQKLYNPDRERLVWKFTEIGRGGPLGISSTGHPLYNKIRDENPNQYP  
 GDGAEQRMDFSMDFKQVQLFIVGCAPATGEYWDVAKKCEEGQKGDCAIQLVNSTIQDGMGDIQFVGAAN  
 FKALQEDRSSVSLDLVDTFSIWPDYLRMTKDIYGDLSLFFHGRREQQFARHLWARAGTMGDAIPESNYLHP  
 AEGSPQETNLGSHIYFPTASGSLASSDNNLFNRPYWLRRRQGTNNGICWGNLFLTVLDNTRGTFNTISV  
 LKEDGKTLQNYKYNAADFQYTRHTEEYELFIFQLCKVKLEPDVLAHINVMNPKILDQWQLAFVPPPQ  
 TALEDAYRYLRNATRCHLPDENEESPDYPYAKMNFVTVLQERFSSDLSQHALGRKFLYQIGLLNGKRPR  
 TVYAEQSGTKTVKRKRTK

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NC\_014955

**ORF Size:** 1524 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\\_014955.1, YP\\_004169290](#)

**RefSeq ORF:** 1524 bp

**Locus ID:** 10146749

**MW:** 57.7 kDa