

## Product datasheet for **VC101912**

### **L1 (NC\_001583) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	L1 (NC_001583) 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 VC101912 represents NCBI reference of NP\_041787 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTTTGTGGAGAACCAGCGACTCCAAGTGTACCTGCCCCCTACCCCGTCAGCAGGGTGGTTAACA  
 CCGACGAGTATGTCACCCGCACTGGCATCTACTATTACGCTGGTTCTAGTCGCTTCTGACACTCGGCCA  
 CCCTTATTTTAGTATTCCTAAGACTGGCCAGAAAGCTGAAATTCCCAAGGTGTCTGCTTACCAATACAGA  
 GTGTTTCGGGTCCACCTGCCGATCCTAATAAATTTGGGCTGCCGATCCCCAACTGTATAACCCCGACA  
 CTGAAAGACTGGTCTGGGCGTGCCTGGGAGTGCAGGTGGGTAGAGGACAGCCCTTGGCATCGGGCTCTC  
 CGGCCATCCGCTGTTAATAAGCTTGACGACACCGAGAATAGCCACCTCGCCACCGTGAATGCAGATACT  
 GACAACAGGGACAACGTGAGCGTGGACAACAAGCAAACACAGCTGTGCATTATTGGATGCACCCACCTC  
 TGGGCGAGCACTGGGGAATCGGCACCATTTGCAAGAACACCCAGACTCAGCGGGCGGATTGCCCCCCT  
 TGAGCTCATTCTAGCATTGAGGACGGGACATGATTGACACAGGGTTCGGGCAATGACTTTACC  
 GCCTGCAGGCCACTAAGAGCGATGTGCCAATCGACATCTCTCAGTCCACATGTAAGTACCTGACTACC  
 TGAAAATGTCAGCTGATACATACGGGAACGATGTTCTTCTTTTTCGCGCGGGAGCAGCTCTTCGCCC  
 CCCTTCTACAACAAAGCAGGCGCGGTTGGCGACGCCATACCTACCCTCTGTATATCAAAGGTGCCGAG  
 TCCGGCCGCAACCCCCACTTCTTCAATTTATCCGCTACACCTTCTGGCTCTATGGTTACAAGCGATG  
 CCCAGCTGTTCAACAAGCCTTACTGGCTGCAAAGGGCGCAGGGCCATAACAATGGGATCTGCTGGGAAA  
 TCAGCTGTTTCGTAACCTGCGTCGACACTACAAGAAGCACTAATCTGACAATATCAACACTTCCGACGA  
 TCAGCAAGCACCCCTTTCAAACCAAGTACTACAAGCAGTTCATCCGGCATGGGGAAGAATACGAGCTGC  
 AGTTCATTTTCCAGCTCTGTAAGATCACTTTGACTACGGATGTTATGGCATACATACACCTTATGAACGC  
 TTCCATCTGGAAGACTGGAATTTCCGCTCTCACACTCCCCCAACAGCCTCTCTCGAAGCGCATACAGA  
 TTTATAAAGAATAGTGCCACAACCTGTCAGAGGAACGCCCTCTGTGCCTAAAGAAGATCCATTTCAGA  
 AATTTAAGTTTTGGGACGTGGATCTGAAAGAGAAATTCTCCATTGATCTTGATCAGTTCGCGCTGGCCG  
 GAAGTTCATGTTGCAAGCAGGAATTAACGCCGCGCAAAGTTGGGAACAAAAGACCGTTGCTCTCAACC  
 AGCAGCAGTACAAAGAGGAAGAAGCGCAAACACTGACCAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101912 representing NP\_041787  
 Red=Cloning sites Green=Tags

MALWRTSDSKVYLPPTPVSRVNTDEYVTRTGIYYYAGSSRLTLGHYPFSIPKTGQKAEIPKVSAYQYR  
 VFRVHLPDPNKFGLPDPQLYNPDERLVWACVGVVEVGRGQPLGIGLSGHPLFNKLDDENSHLATVNADT  
 DNRDNVSDNKQTQLCIIGCTPPLGEHWIGTICKNTQTQRGDCPPELLEISSIIEDGDMIDTGFAMDF  
 ALQATKSDVPIDISQSTCKYPDYLKMSADTYGNSMFFFLRREQLFARHFYNKAGAVGDAIPTTLYIKGAE  
 SGREPPTSSIYSATPSGSMVTSDAQLFNKPYWLQRAQGHNNGICWGNQLFVTCVDTRSTNLITSTLSAA  
 SASTPFKPSDYKQFIRHGEEYELQFIFQLCKITLTTDVMAYIHLMNASILEDWNFGLTLPPTASLEDAYR  
 FIKNSATTCQRNAPPVPKEDPFQKFKFWDVLDLKEKFSIDLQDFPLGRKFMLQAGIQRRPKLGTKRPLSST  
 SSSTKRKKRKLTK

**TR**TRRLE**QKL**ISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NC\_001583

**ORF Size:** 1509 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\\_001583.1, NP\\_041787](#)
**RefSeq ORF:** 1509 bp

**Locus ID:** 1496948

**MW:** 56.3 kDa