

## Product datasheet for **VC100262**

### L1 (NC\_001460) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_001460) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100262 represents NCBI reference of NP_040918 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCATCCGGTACTGAGGCAGATGCGGCCACAGCCCCGGGCCACAACCGCCTCTGCCGCCGTTGCACTGA  
GTGGCAGTGGCGAGCAAGAAGAACCTCAGTGCCCAACACTTGAATTGGAGGAAGGTGAAGGCATCGCAAG  
GCTGGGTGCCATTCCCCGGAGAGACACCCCGGGTACAACCTCGCACGGGATCCAGAGTCGCATTTGTG  
CCGAGACAGAATATGTTCCCGCAACTCCGGGGAGGAGGTGAGGAAATGCGGGATTGTCGGTTCCGGG  
CCGGCAGGGAGCTGCGCAGAGGCTTCAATCGCGAGAGACTGCTGCGGGAGGAGGACTTCGAGCCGGACGA  
GCACTCAGGGATATCATCCGCACGAGCTCACGTGAGCGCCGCAATCTGTTTACAGCTTACGAGCAAAC  
GTCAGTGAAGAACGGAATTTCAAAAAAGCTTCAACAACCATGTTAGGACTGATAGCCCGGGAGGAAG  
TCGCCATTGGGTTGATGCACCTGTGGACTTTGTGGAGGCGTACGTCCACAACCCCGCTCAAAGCCACT  
CACAGCTCAGCTGTTCTTGATCGTCCAGCATTCTAGGACAACGAAACCTTCAGAGACGCCATGCTGAAC  
ATCGCCAACCGAGGGCGGTGGCTCCTGGACCTATAAATATCCTGCAGTCAATTGTTGTTCAAGAGC  
GATCTCTTAGCCTCGCTGACAAAGTCGCCGAATCAATTATTCTATGCTCTCCCTGGGAAAATTCTACGC  
TCGAAAATTTATAAATCCCCATGTGCCTATAGATAAGGAGGTCAAATGACTCATTCTACATCGCG  
ATGGCTTTGAAAGTTCTGACACTCTCCGATGACCTGGGAGTGTATCGGAAACGACCGGATTCACAAAGCAG  
TGAGTGCCTCCCGCAGGCGGAACTGAGCGATAAGGAGCTCATGCATTCACTGCAGCGGCACTGACAGG  
GGCTGGGACTGAAGACGAGTCATTCTTCGATATGGGCGCCGATTTGCGGTGGCAGCCAGTGCCCGAGCA  
CTGGAAGCCGCTGGTGTGCCTCCGCCGACGTTACCGGCGACGACGACGAGGATCAGTACGAAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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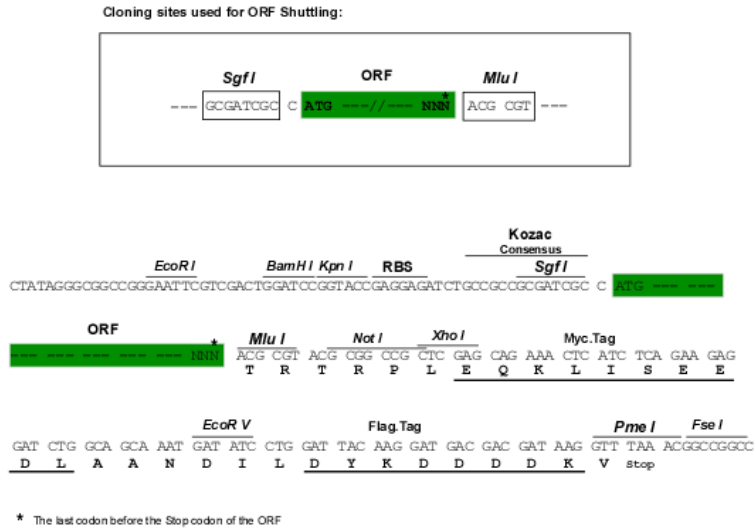
**Protein Sequence:** >VC100262 representing NP\_040918  
Red=Cloning sites Green=Tags

MHPVLRQMRPQPRATTASAAVALSGSGEQEEPQCPTLEEEGEGIARLGAHSPERHPRVQLARDSRVAFV  
 PRQNMFRDNSGEEAEEMRDCRFRAGRELRGFNRERLLREEDFEPDEHSGISSARAHVSAANLVTAYEQT  
 VTEERNFQKSFNNHVRTLIAREEVAIGLMHLWDFVEAYVHNPAKPLTAQLFLIVQHSRDNETFRDAMLN  
 IAEPQGRWLLDLINILQSI VVQERSLSLADKVAAINYSMLSLGKFYARKIYKSPYVPIDKEVKIDSFYMR  
 MALKVLTLSDDLGVYRNDRIHKAVSARRRELSDKELMHSLQRALTGAGTEDESFFDMGADLRWQPSARA  
 LEAAGVASADVTGDDDDDEDQYED

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001460

**ORF Size:** 1119 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\\_001460.1](#), [NP\\_040918](#)

**RefSeq ORF:** 1119 bp

**Locus ID:** 1460848

**MW:** 42.3 kDa