

## Product datasheet for VC100432

### L1 (NC\_010956) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_010956) 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 VC100432 represents NCBI reference of YP_001974448 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACCCCGGTGCTTAGACAGATGAGACCTACACCCCGCGACTACAGCAACAGCAGCGGTAGCCGGAG  
CCGGTGCCTCCCAGCCACAGCCTCAGACCGAGATGGACCTCGAGGAAGGAGAAGGTCTTGCTCGGCTCGG  
CGCTCCCAGCCCAGAACGGCATCCCCCGGTGCAGCTCCAGAAAGACGTCAGACCTGCCTATGTCCCAGCC  
CAGAATCTGTTTCGCGATAGGTCTGGAGAGGAACAGAAAGAGATGCGGGATTGTAGATCCGGGCCGCGC  
CGGAATTCGCGAGGGACTGGACCGACAGCGGGTGTGAGAGATGAGGACTTCGAGCCAAACGAGCAAAC  
GGGGATCAGCCCAGCAGAGCGCACGTTGCAGCCGCGAACCTGGTGACCGCTTACGAGCAAACGTGAAA  
CAGGAACGAAACTTTCAGAAAAGTTTCAACAATCACGTGCGCACCCCTATTGCCCGGAAGAGGTGCCCC  
TGGGCTTGATGCACCTGTGGACCTTGCCGAAGCTATCGTACAGAACCCCGATAGCAAGCCACTCACAGC  
TCAGCTTCTCCTCGTGGTTCAGCATTCCCAGACAACGAGGCATTCCGCGAAGCCCTCCTGAACATCGCT  
GAGCCAGAGGGCAGGTGGCTTCTTGAGCTGATTAATATCCTCCAGTCAATAGTGGTTCAAGAACGGTCCC  
TGAGCCTGGCCGAAAAGGTGGCCGCATCAACTACAGCGTCTGAGCCTCGGAAAGTTTTATGCCCGCAA  
GATCTACAAGACTCCCTACGTCCAATCGACAAAGAGGTTAAGATCGACTATTCTATATGAGGATGGCC  
CTTAAAGTTCTGACATTGTCCGACGATCTGGGCGTCTACAGAAACGATAGGATTCATAAGCCGTTAGTA  
CTTCTAGGAGGCGGAGCTTAGTGATCGCGAACTGATGCTCTCTGCGGAGGGCACTGGTGGGCGGCGC  
AGCCGGGGGAGAGGAAAGTTACTTTGACATGGGCGCTGACCTTATTGGCAACCCAGCAGAAGAGCTCTG  
GAAGCAGCATACGGCCCTGAGGACCTCGACGAGGAAGAGGAGGAGGGAAGATGCCCCAGCAGCCGGAT  
AC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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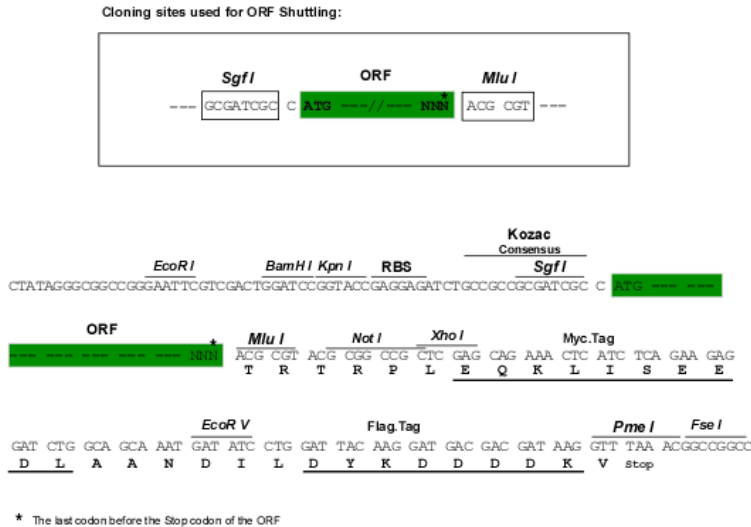
**Protein Sequence:** >VC100432 representing YP\_001974448  
 Red=Cloning sites Green=Tags

MHPVLRQMRPTTPATTATAAVAGAGASQPQPQTEMDLEEGLARLGAPSPERHPRVQLQKDV RPAYVPA  
 QNLFDRDSGEEPEEMRDCRFRAGRELREGLDRQVLRDEDFEPNEQTGISPARAHVAAANLVTAYEQTVK  
 QERNFQKSFNNHVRTLIAREEVALGLMHLWDLAEAI VQNPDSKPLTAQLFLVVQHSRDNEAFREALLNIA  
 EPEGRWLELEL INILQSI VVQERSLSLAEKVAAINYSVLSL GKFYARKIYKTPYVPIDKEVKIDSFYMRMA  
 LKVLTLSDDLGVYRNDRIHKAVSTSRRRELSRELMLSLRRALVGGAAGGEE SYFDMGADLHWQPSRRAL  
 EAAYGPEDLDEEEEEEDAPAAGY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_010956

**ORF Size:** 1122 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\\_010956.1, YP\\_001974448](#)

**RefSeq ORF:** 1122 bp

**Locus ID:** 6386276

**MW:** 42.2 kDa