

Product datasheet for **VC100433**

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)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC100433 represents NCBI reference of YP_001974449 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGCAAGCTCCCGATCCAGCCATACGGGCAGCCCTCCAATCCAGCCAGTGGGTTGGCTTCAGATG
ACTGGGAGGCTGCCATGCAGAGGATCATGGCATTGACTACACGGAACCCCGAAAGCTTCAGGCAGCAACC
GCAGGCTAACAGACTCTCAGCCATCCTTGAGGCAGTGGTACCTAGCCGCACGAACCCCACTCACGAGAAG
GTGCTCGCCATCGTAAATGCCCTGGCCGAGAACAAGGCCATCAGACCGGACGAGGCAGGCCCTCGTGATA
ATGCCCTGCTCGAGAGAGTAGGGAGATAACAACAGTACAAACGTCCAGAGCAACCTCGACAGATTGGTAAC
TGACGTGAGAGAAGCAGTAGCGCAACGGGAGCGATTCAAGAACGAGGGTCTTGGTTCCTGGTAGCACTG
AACGCCTTCTTGAACCCAGCCAGCCAACGTGCCCGGGGGCAAGATGATTACACCAACTTCATTTTCAG
CCTTGGCGCTGATGGTAACCGAGGTGCCCGAGTCTGAGGTATATCAAAGCGGCCAGATTATTTCTTCCA
GACTTCACGCCAGGGCCCTCAGACAGTGAATCTCTCACAGGCATTCAAGAACTTGAGGGGTCTGTGGGGG
GTACAGGGCCCTGTGGGGACCGCTCTACGGTGTCTTCTCTCTGACACCCAATTCAGGGTGTCTCTGC
TCCTGATTGCACATTTACCGACTCCGGAAGTGTAAATCGCAACTCTTATTTGGGCCATCTGCTTACACT
GTATAGAGAGGCAATCGGCCAGGCACAGGTAGACGAGCAGACGTTTCAGGAGATAACTAGCGTTAGCAGA
GCACTGGGTCAAACGATACCGATTCCCTGCGCGCAACACTGAATTTCTGCTGACCAACCGGCAACAGA
AAATTCCTGCGCAATATGCTCTTCCGCGAAGAAGAACGGATCCTTAGATACGTGCAGCAGTCACTGGG
TCTGTTCTGATGCAGGAAGGGGCTACACCTTCAGCCGCCCTTGACATGACCGCAAGAAATATGGAGCCC
TCCATGTACGCAGCTAACCGACCTTTTCAATCAACAGCTGATGGACTACTGCATAGAGCTGTGATGA
ACACGGACTACTTTACAACCGCATCCTCAACCCCACTGGCTGCCTCCACAGGATTTTACACTGGAGA
ATATGATATGCCGACCCCAATGATGGATTTCTTGGGACGACGTCGACAGTGTGGTGTCTCCCGACC
TTTCAAAGAGACAGGAAGCTCCCCCTCCGAGGGTCCGCTCGGTAGAAGCCATTCCCTTCCCTCGGGA
GCCTGCACTCTCTGCCTGGATCCGTTAACAGCGGAAGAGTTTCCCGGCCCGATTGCTCGGAGAGGACGA
GTATCTTAACGACTCTTCTCCAGCCTCCGAGGGCTAAGAACGCTATGGCGAATAATGGAATCGAATCA
CTGGTCGATAAGCTGAACAGGTGGAAGACGTACGCCAAGACCACAGGGACGCACCGGCCCAAGGCCCC
AGCGCCATGATCGCCAGAGAGGACTGGTTGGGACGATGAGGATAGCGCTGATGATGTTCCGTTTTGGA
TTTGGGAGGGTCAGGCGGTGAAATCCTTCGCTCACCTCCAGCCGAAGCTGGGCAGGCGAATGTTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100433 representing YP_001974449

Red=Cloning sites Green=Tags

MQQAPDPAIRAALQSQPSGLASDDWEAAMQRIMALTTRNPESFRQQPQANRLSAILEAVVPSRTNPHEK
VLAIVNALAENKAIRPDEAGLVYNALLERVGRYNSTNVQSNLDRLVTDVREAVAQRERFKNEGLGSLVAL
NAFLATQPANVPRGDDYTNFISALRLMVTEVPQSEVYQSGPDYFFQTSRQGLQTVNLSQAFKNLRGLWG
VQAPVGDRTVSLLTPNSRLLLLLIAPFTDSGSVNRNSYLGHLLTLYREAIGQAQVDEQTFQEITSVSR
ALGQNDTDSLRLNLLTNRQQKIPAQYALSAEERILRYVQSVGLFLMQEGATPSAALDMTARNMEP
SMYAANRPFINKLMDYLHRAAVMNTDYFTNAILNPHWLPFPGFYTGEYDMPDPNDGFLWDDVDSVVFSP
FQKRQEAPPSEGAVGRSPFSLGSLHSLPGSVNSGRVSRPRLLEGEYLNDSLLQPPRAKNAMANNGIES
LVDKLNRWKTYAQDHRDAPARRQRHQRGLVWDEDSADDSSVLDLGGSGGVNPF AHLQPKLGRRMF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NC_010956

ORF Size: 1677 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_001974449](#)

RefSeq ORF: 1677 bp

Locus ID: 6386276

MW: 62.1 kDa