

Product datasheet for **VC101862**

L1 (NC_014952) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014952) 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 VC101862 represents NCBI reference of YP_004169269 with codon optimized for human cell expression
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTTTTGGCTTCCTCAGGCAGGAACCTTGTACCTGCCCCATCCCGCCTAATCCTAGAGTGCTCA
 GCACTGACGAATATGTGGAACTACAAATATATTTCTACGCCAGCACAGACAGGCTGTTGCAGGTGGG
 ACATCCGTATTTTCGAATCTTCGACCAGGATAATTCTGTAAAGTACCGAAAGTTTCTGCGAGTCAGTAC
 AGAGTGATGAGGATGAGCTTGCCCGATCCTAACCGATTGCCCCTGATCGATCAGGGAGTTTATAACCCTG
 AGAAAGAGCGGCTGGTGTGGCAGCTGAAAGGAATTGAGCTTGAAGGGGGGGGCCCTCGGCATTGGGGC
 TGTCGGCCACCCCTTATGAACAAGTACGGCGATTAGAAAATCCGCTGTCTGGTCTCTGCCGAGCAG
 AATGAGAATCGAGTGTACTGGCTTTGAACCCAAGCAAACCTCAGATTTTATCGTAGGGTGCAGCCAC
 CCGTAGGCCAGCACTGGGACACAACCTGAGCCTTGTCAACCCTGTCGGTGGGAGACTGCCCTGCCATCGA
 ACTGAAGCATACCAGGATCCAGGACGGCGATATGTGTGACACAGGATTTGGAGCGGTGAATTTCAAGACC
 TTCTCACAGGATCGAAGCGCAGCCCTCTGGATGTAATTGATGCTGTGTGCAAGTGGCCCGACTTCTGG
 AAATGTCTAAGAAATTTATGGCAACGAACTTTTTTCTTTGCTAAAAAGGAACAGCTGTACGCACGGCA
 CTTTCGCTACTCGCGCTGGTACTGCAGGCGACAAAGTCCCAACTGGCAAAAATGACTCCTTCTACCTGGAA
 CCCCAGAACGGCTCCATCAGCTCTACGTATACATAACCACCCCTTCAGGATCTCTACGTCTACAGATG
 GACAGATCTTTGGACGCCATATTGGCTTCAGAAGGCGAGTGGGACAAACAACGGAATTTGTTGGGATAA
 CCAGCTGTTTGTGACAGTTGTGGACAATACAAGAGCAACCAACTACACTCTGAGCGTATATAACAAGAAC
 CAAGGAAAGCTCCAGACTCCTATAAGTATACCGCAAGCGATTTCAATCAGTATACAAGGCACACCGAAG
 AATTCGAGGTCGAACTTGTCTTCCGGTTGTGCAAAGTGCCTCTGACCGCCGACATCTTGTACACATCAA
 CGTGATGAACCCAGATCCTGGAAAAGTGGAAAAGTGGTTCGTCGCCCCACCTCCTGCTGGACTGGAG
 GACAAGTACCGATTTGCCAGAGCCTCGCTACCAATGCCCGTCCCGATGAACAGAAAGAATCTGACG
 ATCCTTATAAAAACTGCTGTTCTGGAACATAGACCTGAGAGACAAATTTACCTCTGACCTACCCAGAC
 AAGCTTGGGGCGGAGTTTCTGTATCAGATGAACATGCTGAACGGAAAAAGGACTCGCTCCGTAGAGCCA
 TACAAGACCAAGACCGTGAAGCGACGAAAACTGTAAAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101862 representing YP_004169269
Red=Cloning sites **Green**=Tags

MSFWLPQAGTLYLPPSRPNPRVLSTDEYVETTNIYFYASTDRLLQVGHYPYFAIFDQDNSVKVPKVSASQY
 RVMRMSLPDPNQFALIDQGVYNPEKERLVWQLKGIELGRGGPLGIGAVGHPLMKNYGDSENPLSGPLPEQ
 NENRVSLALEPKQTQIFIVGCAPPVQHWDTTEPCQPLSVGDCPAIELKHTRIQQDGMCDTGFVAVNFKT
 FSQDRSAAPLDVIDAVCKWPDFLEMSKNIYGNELFFFAKKEQLYARHFATRAGTAGDKVPTGKND SFYLE
 PQNGSISSHVYITTPSGSLTSTDGQIFGRPYWLQKASGTNNGICWDNQLFVTVVDNTRATNYTLSVYNKN
 QGKLPDSYKYTASDFNQYTRHTEEFELVFRCLKVPLTADILSHINVMNPQILENWKLAFVPPPPAGLE
 DKYRFAQSLATKCPVPDEQKESDDPYKNLLFWNIDLDRKFTSDLTQTSLGRRFLYQMMLNGKRTRSVEP
 YKTKTVKRRKTVKK

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_014952

ORF Size: 1512 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_014952.1, YP_004169269](#)

RefSeq ORF: 1512 bp

Locus ID: 10146725

MW: 57.0 kDa