

Product datasheet for **VC101802**

L1 (NC_014185) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014185) 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 VC101802 represents NCBI reference of YP_003668031 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTGCTGTGGATGCAAAATCCCGGTAAGCTGTATCTCCACCAAGCCGCCAGTCGCGAGGATCT
TGAACACTGAGGAATATGTTAAGGGAAGTATATACTTTCACGCAGGCTCTGACAGGCTCCTTACTGT
TGGCCACCCTATTTAACGTGTTCAATAACGGCGAAGATAAAGTGGTTGTGCCAAGGTGAGCGGTAAT
CAATATCGGGTCTTGGGAGTTAGCTCCCCGACCCAAACAAATTCGCTCTCGTGGACACAGAGCTGTATA
ATCCAGAACTCAGCGGCTGGTCTGGAGACTGCGGGGAATAGAAATCCAGCGCGTGGCCCTCTCGGGAT
TGGGACCACCGGCCATCCACTGTTTAAACAGCTTGGCGACACCGAGAACCCTAACAAATACCTCACACAA
AGTACAGATGACAGGCAGAATATGTCTTGTACCTAAACAAACCCAGCTGTTTCATCGTAGGATGCAAAAC
CCTCTCTGGGTGCCATTGGGATTTGGCCAAGCCATGTGTCACCGATCATCGCGAGAATGGGACTGTTA
TCCAATCGAGCTTGTGCACACTGTGATCGAGGATGGCGACATGGGGGACATTGGATTTCGGGGCCGTCAT
TTCAAGAAATCCAACAAGACAACAGCGCGCTTCCACTGGATATTGTGGCTCCACTTGTAAAGTGGCCGG
ACTTCTGGAAGATGACGAAGGAATCTTACGGGGATAGTATGTTCTTCTACGGCAAACGGGAACAGCTGTA
CGCACGGCATTACTACACACGGGCCGGAACAATGGGAGATGCCATCCCAGGACCATCAACAACAAAACCT
GATTTTATCGTGAACCCGACACAAAACAAAACAGAAATCTATCTCATCACACATTTACTTTGGCACCC
CATCCGGTAGTCTGGTGTCCAGTGAGGCATCTCTGTTTAAACAGACCCTATTGGCTCCAAAGGGCTCAAGG
CCAGAATAACGGGGTCTCTGGAACAACCAACTTTTTCATCACACTCTTCGACAACACACATAACACTAAT
TTCACACTCAATTTTTATAAAAAATGGAACGGATGTTCTGAGCAGTACACTTACAAGGCCGAAGACTTTA
AGCATTACCTTAGGCATGTTGAGGAGATAGAGTTCGAATTGATCCTTCAACTCTGTATTGTGCCCGCTGGA
ACCAGACGTTCTCTCACACATCAATGCAATGAATCCCTCCATCCTCGAAGACTGGAACCTGGCCTTTGTA
CCCCAACCTACTAGTTCTATCGAGGATAAGTACCGCTTTTTGAGCTCTCTGGCTACACCATGCCCGAAC
AAGCAGTGACCTCCGAAAAGGTAGATCCCTATGCAAAGTATAACTTCTGGGTGGTTGACCTGAGCGAGAA
GCTGAGTAGTGAACCTCAGCCAGTTTTATTGGGACGGCGATTCTGTACCAGACAGGTCTGATGACAAAC
GGAAACGGTGTGGTGAATCCAAGGAAACGAAGCCGGGTATCCCTCACAAAGAAGAGCGTTAAGAGGGCAA
AGTTGCCAAAGTTATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101802 representing YP_003668031

Red=Cloning sites Green=Tags

MALLWMQNPGLYLPPSRPVARILNTEEVKGTSIYFHAGSDRLLTVGHPYFNVFNNGEDKVVVPKVSGN
QYRVLRVMLPDPNKFALVDTDVYNPETQRLVWRLRGIEIQRGGPLGIGTTGHPLFNKLGDTENPNKYLTQ
STDDRQNMSLDPKQTLFIVGCKPSLGAHWDLAKPCVTDHRENGCYPIELVHTVIEDGMDGIDFGAVN
FKFKQQDNSGVPLDIVASTCKWPDFVKMTKESYGDSMFFYGKREQLYARHYYTRAGTMGDAIPGPFNNKT
DFIVQPDTKQNKSISSHIYFGTPSGSLVSSEASLFNRPYWLQRAQGQNGVLWNNQLFITLFDNTHNTN
FTLNFYKNGTDVPEQYTYKAEDFKHYLRHVEEIEFELILQLCIVPLEPDVLSHINAMNPSILEDWNLAFV
PQPTSSIEDKYRFLSSLATPCPEQAVTSEKVDPYAKYFNWVVDLSEKLSSELQFSLGRRFLYQGLMTN
NGVNVNPRKRSRVSITKKSVKRRKVAKVI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_014185

ORF Size: 1557 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_014185.1, YP_003668031](#)

RefSeq ORF: 1557 bp

Locus ID: 9231104

MW: 59.1 kDa