

Product datasheet for **VC101884**

L2 (NC_014955) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L2 (NC_014955) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101884 represents NCBI reference of YP_004169289 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGATTCCGCCGAAAAGGGCGTCACCTGAAGATCTCTATAGAGCCTGTGCTCAGGGGCCGATTGCA
TACCGGATGTCAAGAACAATTCGAGCAAACCACTGGCAGATTGGCTGCTCAAAATTTTGGATCCCT
CGTGTATTTGGAAATCTGGGTATCGGAACGGGAAGAGGGAGTGGGGCAGTCTTGGCTACCGACCTCTC
GGCAGGGTGAACGGGACGCCCTTCGGGAACCCCCGTAAGCCCAACACAGCAGTGGAAACTCTCC
CCGTGGACGTGATCCAGTACCCCGGAGTCTCCGCCATCATTCCCCTGGCCGAAGGGCGCCCTGACAT
CAGTGTGTTACCCCGACGGCGGTCCCGGGTGGGGCAGAGAAATCGAGCTGTACCATCACCGAT
ACCACAGTGACCGGAGACTCAATAGCGGGAACCCCAACATCGTGACCTCCGAAAGAGCGGTGTCAGCCG
TGTTGGATGTGCAGCCTATCCCGAACGCCCTCCCAAGTGTGTACGCCCTCCATCGATGCCACCGC
TCAGATCCGATTGTTTCAAGCGATCCCGCGCTCACTCAGGATACTAACATCTTCGTGGATCCGTTGCTT
GGGGGGGAGATCGTGGGGTCCGAGGCCGTTTACGAAGACATCCCATTGGAGGACTCAGGATTTGGTCAGA
TGGACATCGATGAGCAACCTACAACCTAGCACGCCGACCCAGCGCCTCGAAACCACCTTGGTGCGGGCGAG
AGAGCTCTACAATAAGTACATCAGGCAGGTGCCTATCAGTGACCCAATCTTCCTGCAGCAGCCAAGCCGA
CTGGTCCAGTTCGAATATGAGAACTCGCTTTGACCCTGACGTGACTCTTGCAATCGAACGGGACTTGG
CGAGCGTGGAGGCCGACCAACGAGGACTTCGCCGACATTGTGAAGCTGAGCAGACCCAGACTGACTGA
GTATGCCCTGGAGTCGTTCCGCTGTCCGACTGGGCGAAACCAACTATTACTACCCGATCCGGCACC
ACAATCGGCCAGACAGTACACTTTTACTATGATATATAAATAGTAGAAGCAGAATCTATGGAAGTGC
AGACCTCGGCCGAGCATAGTGGACTCTCCACTATTGTGGACGACATCCTCGCCAGCAGCATAGTGGACCC
ACTGAATAACGCTGATGTGGCCGTTACCGAGGATGACCTGCTCGACACCTTCACAGAGGATTTTAATAAC
GCACACATAGTGTGCACAGCGTGGGACAGGAGGATGAAGATATCATCAGCCTTCGGTCTCCCTCCCG
GAGCAGCCCTGAAGTCTTCGTGGCCGACGCTGGGGACGGCCTGTTGTTAGTTATCCAACCGACATTGA
CACTGCCATAACAATCAACCTCCAGACGGACTCCCTATCGGACCAAGTACTACGTCCGGCTTGACAAT
GACTTTTATCTGCATCCTCCCTATTCCAAAGAAGAAAAGGAGGAGGTTGGATTATTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101884 representing YP_004169289

Red=Cloning sites Green=Tags

MPIRRKRASPEDLYRACAQGADCIPDVKNKFEQTTLADWLLKIFGSLVYFGNLGIGTGRGSGSLGYRPL
GEGGTGRPFGNTPVKPNTAVETLPVDVIPVPPESSAIIPLAEGGPDISVFTPDGGPGVGAEEIELYITD
TTVTGDSIGGNPNIIVTSERGVSAVLVQPIPERPPQVL YDPSIDATAQIRIVSSDPALTQDTNIFVDPFV
GGEIVGSEAVYEDIPLDSGFGQMDIDEQPTTSTPTQRLETTLV RARELYNKYIRQVPI SDPIFLQQPSR
LVQFEYENPAFDPVTLAFERDLASVEAAPNEDFADIVKLSRPRLETEYAPGVVRSRLGETNTITTRSGT
TIGQTVHFYYDISNIVEAESMELQTLGEHSLSTIVDDILASTIVDPLNADVAVEDDLLDTFTEDFNN
AHIVLHVSQGEDEDIISLPVLPGAALKVFVADAGDGLFVSYPTDIDTAITINLPDGLPIGSPYYVGVND
DFYLHPSLIPKKKRRRLDYF

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_014955

ORF Size: 1530 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_014955.1, YP_004169289](#)

RefSeq ORF: 1530 bp

Locus ID: 10146748

MW: 55.2 kDa