

Product datasheet for **VC101890**

L1 (NC_014956) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014956) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101890 represents NCBI reference of YP_004169297 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCCTGGCTCCCAATCAGGGTAAAGTGTACCTCCCCCATCTCGCCCCGTGGCAGAGTTCTCT
 CTACAGACGACTATGTCCAGGAGACAGAGATATACTTTTCATGGCTCCTCTGATAGCTTCTCACCGTCGG
 CCATCCCTACTTTCCAATAACTGATAGCCGCCACCAAAGCTGCTACTGTCCCTAAAGTCAGCGAAACCGAG
 TACAGAGTGTCAAGCTGCAGTTGCCTGATCCTAATAAGCTCGCGCTGGTGGATAATAAGGTGTACGATC
 CTTCCACTCAGAGACTGGTGTGAACTCAAAGGAATCGAGGTCATTTCGGCGGCCCACTGGGAATTGG
 TACAACCGGACACCCCTCCTCAACAACTTAATGACACCGAGAATCCCAACAATATTTCCAAGTTCC
 ACTGATAGCCGGCAGAATGTTAGTATGGACCCTAAGCAGACTCAGTTGTTGATAGTCGGCTGTGTCCCC
 CAACTGGAGCTCATTGGGATGCAGCCAAGCCCTGTGCAGAGCCCCCTCAGGACAAAGACGCATGTCCGCC
 GCTTGAATTGGTGAATAGCTACATTGAGGATGGAGACATGTGCGATATCGGGTTTGGAGCCCTGAACTTC
 AACTCTTTGCAGCACGATCGGAGCTCCGTACCCCTGAAAATTACAGCTTCCATTTGTAAGTGGCCTGACA
 TTCTCAAATGACAAGCGATGTGTACGGCGATCAAATGTTTTTTACGGCAAGCAAGAGCAGCTCTATGC
 AAGGCACTTCTTACACGCAATGGGGTCGTGGGCGAAAACATTCGCAGGTTAACGAAGAGAACCAGACA
 CTCTACGTGCTGCCCGGACAGGGCAGCGCAGGCCAGAAGACCGTAAGCTCATCAGTGTACTTTCTACCC
 CCAGCGCTCCTTGGTGAATCTAATAGCCTGATCTTAACCGACCTATTGGATGCACCGCGCTCAAGG
 ACTGAATAACGGAATATGCTGGAACGACAGGATCTTTGTACCCTTGGGATAATACTCACAAACCAAC
 TTTACCATTAGTCGGTATTCGGGAGTTCCACAAAACCTGAGACATATAATTCAGCGAGTTCAAAAATT
 ACCTTAGACATTGTGAAGAGTTCGACATCAGTATCATCGTTCAGTTGTGTAAAGGTGAGTCTGGAGGCCGA
 CATCTTGCCACCTTAATGCTATGAACCTACCATCCTGGAGAATTGGAACCTGGCCTTCGTCCCTCCG
 CCTGCCACTGCTATAGAAGACCATTACCGGTACATAAAATCAATGGCGACAAGATGTCCCGACCAGACTC
 CAACACCGGAGAAGATCGACCCCTTTGCCAAGTATAATTTTTGGGACGTGATCTCTCCGACAAGATGAC
 CACCGAGCTGTCTCAGACCAGCCTGGGTGGAAGTTTCATATACCAGGTGGGCTTGCTTAACAAGGGCATA
 ACTTCTACGCTCAAACGGAGACGCATTACCTCAACCGCAACTACCACTTCTCCAAGGCCAAACGACGCC
 GCCGCGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101890 representing YP_004169297
 Red=Cloning sites Green=Tags

MAAWLPNQGVYLPSPRVAQVLSTDDYVQETEIYFHGSSDRLLTVGHPYFPITDSRTKAVTVPKVSGNQ
 YRVFKLQLPDPNKLALVDNKVYDPSTQRLVWKLKGIIEVIRGGPLIGTTGHPLLNKLNNDTENPNNYFQGS
 TDSRQNVSMDPKQTQLLIVGCVPTGAHWDAAKACAEPQDKDACPPELVNSYIEDGDMCDIGFALNF
 NSLQHDRSSVPLEITASICKWPDILKMTSDVYGDQMFYQKQELYARHFFTRNGVYGENIPQVNEENQT
 LYVLPQGTQAQKTVSSVYFPTPSGSLVSSNSLILNRPYWMHRAQGLNNGICWNDRIFVTVDNTHNTN
 FTISRYSGSSTKPETYNSSSEFKNYLRHCEEFDISIIVQLCKVSLIADILAHLNAMNPTILENWNLAFFVP
 PATAIEDHYRYINSMATRCPDQTPTEKIDPFAKYNFWDVLDSDKMTELSQTSLGRRFIYQVGLLNKGI
 TSTLKRRTITSTATTTSSKAKRRRA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NC_014956

ORF Size: 1548 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_014956.1, YP_004169297](#)
RefSeq ORF: 1548 bp

Locus ID: 10146752

MW: 58.0 kDa