

## Product datasheet for **VC100514**

### **L3 (NC\_001454) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	L3 (NC_001454) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC100514 represents NCBI reference of NP\_040862 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCTACCCCATCCATGATGCCACAGTGGAGCTACATGCACATAGCTGGACAGGATGCCTCCGAATACC  
TTTCTCCCGGACTGGTCCAATTTGCTCGCGCCACCGACACATATTTCACTCGGCAACAAATTTGCA  
TCCTACTGTTGCACCGACCCATGATGTGACCACTGATCGCTCCCAGCGCCTTACCCTGCGATTTGTGCCT  
GTGGATAGGGAAGAGACCGCATACTCCTACAAGGTAAGATTTACTGCGCGTAGGAGACAATCGCGTTC  
TGGATATGGCTAGCACTTACTTCGATATCAGGGGAGTACTGGACAGAGGTCTTCTTTAAAGCCTTATTC  
TGGAACTGCCTACAACCTCCCTGGCTCCCAAGGGGGCACAAACCCCTCACAGTGGACCAACCAGAATAAG  
ACTAATTCATTCGGCCAGGCTCCATATATTGGCAAAAAATTACAAACCAGGGGGTTCAAGTCCGATCCG  
ATTCACCAACAGAGACGTGTTTGCAGATAAGACTTATCAACCAGAGCCTCAGGTCGGGCAGACGCAGTG  
GAACATTAACCCCATGCAAAACGCCGCCGAGCAATCCTGAAACAAACGACGCCAATGCAGCCTTGTAC  
GGAAGCTACGCTAGACCAACAAATGAAAAGGGGGCAAGCTAAGTTGGTTAAGAATGACGACAACCAAA  
CCACCACTACGAACGTAGGGCTCAACTTCTTACTACAGCCACCGAGACGGCCAACCTTAGCCCCAAAGT  
GGTCTCTATTCTGAGGATGTCAACCTCGAGGCCCTGATACTCACCTGGTTTTCAAGCCGACGTGAAT  
GGGACTAGCGCGAAGTCTGCTGGTCAAGCAGCCGCGCCCAATAGGCCAACTACATTGGGTTTAGAG  
ATAACTTTATTGGTCTTATGATTACAACCTCACCGGGAATAGGGCGTACTCGCTGGACAGGCCTCCCA  
GGTCAATGCCGTTGTGGATCTGCAGGACAGAAATACCGAAGTCTCCTACCAGTGTGCTGGATGCTCTG  
TGAGAAATCATGGCGTAGAGGATGAGTCCCTAATTACTGTTTTCCACTGAATGGACAGGGCATAAGCAA  
TTCATACAGGGCGTTAAGACAGACAATGGGACGAACTGGTCACAAAATAATACAGAGCTGTCCAGCAAT  
AATGAGATCAGCATTGGCAACGTCTTGAATGGAGATCAACTTGGCGGCCAACCTGTGGCGGTCTTTTC  
TGTATTCTAATGTAGCTCTGTACCTGCCGACAGTTACAAGATCACACCAGATAACATCACTTTGCCCGA  
TAACAAGAATACTTACGCTACATGAACGGCAGAGTGGCCGTCCTTCCAGCACTCGACACATACGTGAAC  
ATTGGAGTAGATGGTCCCGGATCCTATGGACAATGTGAACCCGTTAATCATCACGAAACGCAGGCC  
TGGCATACCGCAGCATGTTGCTGGCAACGGCAGATACGTGCCTTTTCATATTCAAGTCCCAAAAAATT  
CTTCGCCATAAAAAACCTCCTTCTGCTCCCGGGTCATATACGTACGAGTGGAAATTCGAAAAGATGTA  
AACATGATTCTGCAGAGCTCCCTGGGGAACGATCTGCGGGTGGACGGGGCATCCGTTAGATTTGACAGCA  
TTAATCTGTATGCAAAATTTCTTCCGATGGCCATAACACCGCCAGCACACTCGAAGCAATGCTCAGAAA  
TGATACTAACGACCAGTCATTTAATGATTATCTTTGCGCAGCCAATATGTTGTACCCCATCCCAGTAAT  
GCCACCAGCGTCCCTATTAGCATTCCATCCAGGAATTGGGCCGCTTTCCGGGGCTGGTCTTCAAGAGC  
TGAAGACTAAAGAGACTCCCTCCCTCGGTAGCGGGTTCGACCCCTACTTTACCTATTCTGGTTCAGTGCC  
TTATCTGGACGGGACCTTCTACCTCAACCATAACATTTAAAAGGTGAGCGTCATGTTGACTCTAGTGTC  
TCCTGGCCAGGCAACGATAGACTGTTGACACCAACGAGTTCGAAATTAAGAGGACAGTCGATGGGGAGG  
GCTACAACGTGGCTCAATGTAACATGACAAAGGATTGGTTCCTTATTCAAATGTTGAGCCACTATAATAT  
TGGCTACCAGGGGTTCCAGTCCAGAGTCTTACAAGGACCGCATGTATTCTTTTTTCGAAACTTCCAA  
CCCATGTCGCCCAAGTGGTAGATACTACAACCTACACAGAATACCAGAATGTAACGCTGCCCTTCCAGC  
ATAATAATTCAGGCTTTGTGGTTACATGGGTCCAGCAATAAGAGAAGGCCAGGCCATCCAGCAAACTA  
CCCATATCCCCTTATTGGACAAACCGCGTTCCGAGTCTCACACAAAAAAATTCCTGTGCGATAGGACA  
ATGTGGAGAATTCCTTTTTCAAGTAATTCATGTCTATGGGCGCTCTGACCGACCTCGGGCAAAATATGC  
TTTACGCCAATAGCGCTCATGCGCTGGACATGACCTTTGAGGTGGACCCTATGGATGAACCCACCCTTCT  
GTATGTTCTCTTCGAGGTGTTTACGTTGTCGGATACACCAGCCCCATAGAGGGGTAATCGAGGCCGTA  
TACTTGGGACTCCTTTCTCCGCGGTAACGCCACGACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100514 representing NP\_040862  
 Red=Cloning sites Green=Tags

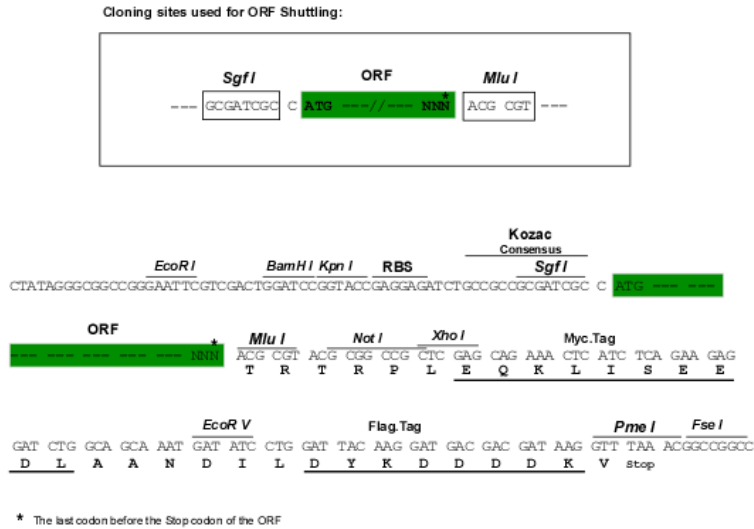
MATPSMMPQWSYMHIAQQDASEYLSPLGVQFARATDITYSLGNKFRNPTVAPTHDVTDRSQRLTLRFVP  
 VDREETAYSYKVRFTLAVGDNRLDMASTYFDIRGVLDRGPSFKPYSGTAYNSLAPKGAPNPSQWTNQNK  
 TNSFGQAPYIGQKITNQGVQVGSDSNNRDVFAKTYQPEPQVGTQWNINPMQNAAGRILKQTTMPCY  
 GSYARPTNEKGGQAKLVKNDNQTNTNVLNFFTTATETANFSPKVVL YSEVDNLEAPDTHLVFKPDVN  
 GTSAEALLLQQAAAPNRPNYIGFRDNF IGLMYNSTGNMGVLAGQASQLNAVVDLQDRNTELSYQLMLDAL  
 GDRSRYFSMWNQAVDSYDPDVRIENHGVDELEPNYCFPLNGQGISNSYQGVKTDNGTNWSQNNTDVSSN  
 NEISIGNVFAMEINLAANLWRSFLYSNVALYLPDSYKITPDNITLPDNKNTYAYMNGRVAVPSALDITYVN  
 IGARWSPDPMDNVNPFNHRNAGLRYSMLLGNGRYVVFHIQVPQKFFAIKNLLLLPGSYTYEWNFRKDV  
 NMILQSSLGNDLRVDGASVRFDSINLYANFFPMAHNTASTLEAML RNDTNDQSFNDYLCAANMLYPIPAN  
 ATSVPI SIPS RNWAAF RGWSFTRLKTETPSLGS GFDPYFTYSGSVPYLDGTFYLNHTFKKVSVMFDSSV  
 SWP GNDRLLPNEFEIKRTVDGEGYNVAQCNMTKDWFLIQMLSHYNIQYQGFHVPE SYKDRMYSFFRNFG  
 PMSRQVVDTTTTYEQNVTLPFQHNSGFVGYMGP AIREGQAYPANYPYPLIGQTAVPSLTQKKFLCDRT  
 MWRI PFS SNFMSMGAL TDLGQNMLYANSAHALDMTFEVDPMDEPTLLYLVFEVFDVVR IHQPHRGVIEAV  
 YLRTPFSAGNATT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NC\_001454

<b>ORF Size:</b>	2769 bp
<b>OTI Disclaimer:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NC_001454.1</a> , <a href="#">NP_040862</a>
<b>RefSeq ORF:</b>	2769 bp
<b>Locus ID:</b>	2715932
<b>MW:</b>	104.0 kDa