

## Product datasheet for **VC100303**

### L3 (NC\_011202) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L3 (NC_011202) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L3
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 VC100303 represents NCBI reference of YP\_002213812 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAACCCCTCCATGTTGCCGAGTGGGCATACATGCACATCGCCGACAAGACGCTAGCGAATACT  
TGAGTCCCGGACTCGTTCAAGTTCGCACGGGCAACAGACACATATTTAACTGGGAAACAATTTAGGAA  
TCCTACGGTTGCACCGACACATGACGTCAACCGACAGGTCCCAACGATTGATGCTTCGGTTCGTACCA  
GTTGATAGGGAAGATAACACCTATAGTTATAAGGTGCGCTACACTCTTCCGTTGGAGATAATAGGGTGC  
TGGACATGGCTTCTACATTTCTTGTATATTAGGGGTGTGCTGGACAGAGGGCCAAGCTTCAAACCGTACTC  
AGGCACAGCCTAACAGTTTGGCTCCTAAAGGGGCTCCAATACATCACAGTGGATTGCCGAGGGAGTA  
AAAAATACAACTGGTGAAGAGCATGTTACGGAGGAGGAGACCAACTACAACCTACACGTTCCGCAATG  
CCCCCGTCAAAGCCGAGGCCGAGATCACTAAGGAGGGTCTCCCTGTGGCCTTGAAGTGCAGACGAGGA  
GAGCAAGCCCATTTACGCAGACAAAACCTACCAACCAGAACCCCAACTGGGTGACGAGACATGGACTGAT  
CTGGATGGCAAGACCGAGAAATACGGCGGAAGGGCTTGAACCCGACACCAAGATGAAGCCATGTTATG  
GGTCTTCGCGAAACCTACCAATGTCAAAGGGGGCAGGCAAAGCAGAAGACCACGGAGCAGCCCAATCA  
GAAGGTGCAATATGACATAGATATGGAATTTTTGACGCGACCCAGCCAGAAGACTAACCTGTCACCTAAG  
ATTGTTATGTATGCAGAGAACGTGAACCTGAAACGCCGGACACCCATGTGGTCTATAAGCCCGGTACAG  
AAGATACATCTTCTGAGGCCAACCTGGGTCAACAGAGTATGCCTAACAGACCAAATTACATCGGCTTCCG  
CGACAATTTTATGGGTGATGTATTATAATAGCACCGGTAACATGGGGTCTTCCGCGTCAGGCATCA  
CAGCTGAACCGCGTAGTAGATCTCCAGGATAGAAATACCGAGCTGCATACCAGCTCTTGGTGGATAGTT  
TGGCGCAGCCGACACGCTACTTTAGTATGTGAAACCAGGCGATTCCTATGACCCAGATGTGCGGGT  
GATAGAGAACCATGGCGTAGAGGACGAGCTGCCAAATTAAGTGTCTTCTGGATGGCATTGGTGTGCCT  
ACGACATCTTACAAGTCCATTGCCCAATGGTGATAACGCCCAATGGAAAGGAGCCCGAGGTTAACG  
GCACATCAGAAATCGGCCAGGGCAATCTTTTGGCATGGAGATTAATCTCCAGGCCAACCTTTGGCGCAG  
CTTCTGTATTCAAATGTTGCACTGTACCTCCCTGATAGTTATAAGTACACCCCATCAAATGTGACTCTC  
CCCGAAAACAAGAATACATACGATTATATGAATGGCCGGTCTTCTCCTTCCCTTGTGACACATACG  
TAAATATTGGCGCACGGTGGAGCCTTGACGCGATGGACAATGTCAACCCCTTCAACCACCATAGGAACGC  
TGTTTTGCGCTATCGGTCCATGCTGCTGGGAAACGGGCGATATGTCCGTTCCACATTCAAGTCCCCAG  
AAGTTTTTTGCCGTCAAGAATCTGCTTCTGTTGCCCGGCTCTTACTTATGAGTGGAACTTCCGGAAGG  
ACGTGAACATGGTCTTCTAGTCTCTTTGGGCAATGATCTTAGAGTGGACGGCGCCAGCATATCTTTTAC  
CAGCATCAACCTCTATGCGACCTTTTTTCTATGGCTCATAACACAGCTAGCACATTGGAGGCCATGCTG  
CGCAATGATACAAACGACCAGTCATTTAACGACTATTTGTCCGCTGCTAATATGTTGTACCCCATTCCTG  
CAAACGCAACCAATTTCCAATCTCTATTTCAAGCCGCAACTGGGCCGCCTTTCCGGGTTGGAGCTTTAC  
ACGGCTGAAGACTAAGGAACTCCGTCCTCGGGAGCGGCTTCGACCCTATTTTCGTTTATAGCGGATCA  
ATCCCGTACCTGGATGGAACCTTTATCTCAACCACACCTTCAAAAAGGTCTCCATCATGTTTGACAGCA  
ATGTGAGTTGGCCGAAATGATAGACTCCTTTACCCCAAGGTTTGAATTAACGCACAGTCGACGG  
AGAGGGCTATAACGTTGCGCAGTGCAACATGACTAAGGATTGGTTCCTGGTACAGATGTTGGCAAATTA  
AACATCGGATACCAGGGCTTTTATATCTGAAGGGTATAAGGATAGAATGATTTCTTTCTTTCCGAATT  
TCCAGCCAATGTCACGGCAGGTCGTGGACGAGGTGAACATAAAGACTTTAAAGCCGTCGCAATTCCTA  
CCAGCATAATAACTCCGGGTTTGTGGGTACATGGCTCCAATATGCGGCAGGGGAGCCGATACCCTGCA  
AACTATCCCTACCCCTTATCGGAACCACTGCCGTGAACCTAGTACACAGAAAAAGTTCCTCTGCGACA  
GAACCATGTGGCGAATCCATTCTAGCAACTTTATGTCTATGGGCGCACTGACAGATCTGGCCAGAA  
CATGTTGTACGCGAACTCAGCACACGATTGGATATGACTTTTGAAGTGGACCCCATGGATGAACCCACA  
CTCCTGTATCTTCTTTGAGGTCTTTGATGTGGTGGGGTGCATCAACCACCCGCGCATAATCGAAG  
CCGTGTATCTCCGACACCTTTCTCAGCAGGCAATGCAACAACG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100303 representing YP\_002213812  
 Red=Cloning sites Green=Tags

MATPSMLPQWAYMHIAGQDASEYLSPLGVQFARATDITYFNLGNKFRNPTVAPTHDVTDRSQRLMLRFVP  
 VDREDNTYSYKVRVYTLAVGDNRLDMASFFDIRGVLDRGPSFKPYSGTAYNSLAPKGAPNTSQWIAEGV  
 KNTTGEHVTEETNTTTYTFGNAPVKAEAEITKEGLPVGLEVSDEESKPIYADKTYQPEPQLGDEWTWD  
 LDGKTEKYGGRALKPDTKMKPCYGSFAKPTNVKGGQAKQKTTEQPNQKVEYDIDMEFFDAASQKTNLSPK  
 IVMYAENVNLETDPDTHVYKPGTEDTSSEANLGGQSMNRPNYIGFRDNFIGLMYYNSTGNMGVLAGQAS  
 QLNAVVDLQDRNTELSYQLLLDSLGRTRYFSMWNQAVDSYDPDVRVIENHGVDELPNYCFPLDGIQVP  
 TTSYKSIVPNGDNAPNWKEPEVNGTSEIGQGNLFAMEINLQANLWRSFLYSNVALYLPDSYKYTPSNVTL  
 PENKNTYDYMNGRVVPPSLVDITYVNI GARWSLDAMDNVNPNHHRNAGLRYRSMLLGNGRYVPHIQVPQ  
 KFFAVKNLLLLPGSYTYEWNFRKDVNMVLQSSLGNDLRVDGASISFTSINLYATFFPMAHNTASTLEAML  
 RNDTNDQSFNDYLSAANMLYIPANATNIPISIPSRNWAAFRGWSFTRLKTKETPSLGSFGDPYFVYSGS  
 IPYLDGTFYLNHTFKKVSIMFDSVSWPGNDRLLSPNEFEIKRTVDGEGYVAQCNMTKDWFLVQMLANY  
 NIGYQGFYIPEGYKDRMYSFFRNFQPMRQVVDENVYKDFKAVAIPIYQHNSGFGVGYMAPTMRQGPYPYA  
 NYPYPLIGTTAVNSVTQKFLCDRTMWRIPFSSNFMSMGALTDLGQNMLYANSAHALDMTFEVDPMDEPT  
 LLYLLFEVFDVVRVHQPARGIIEAVYLRTPFSAAGNATT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC\_011202

ORF Size: 2844 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_011202.1, YP_002213812</a>
<b>RefSeq ORF:</b>	2844 bp
<b>Locus ID:</b>	6870505
<b>MW:</b>	107.0 kDa