

## Product datasheet for **VC100383**

### **L3 (NC\_001405) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	L3 (NC_001405) 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 VC100383 represents NCBI reference of NP\_040525 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAACTCCCTCCATGATGCCTCAGTGGTCATACATGCACATCTCTGGTCAAGATGCCAGTGAGTACC  
TCTCACCAGGCCTCGTACAGTTTGAAGGGCCACTGAGACATATTTTAGTCTCAACAACAATTCGAAA  
CCCAACCGTGGCCCTACACATGATGTTACAACAGATCGGAGCCAGCGACTGACGCTCCGGTTCATCCCT  
GTAGATCGGGAGGACACCGCCTACTTTACAAGGCCAGATTTACTCTCGCTGTGGGAGATAACCGAGTCT  
TGGACATGGCAAGCACTTATTTGACATTAGAGGGCTTCTGGATAGAGGGCCAACTTTCAAGCCATACTC  
CGGCACCGCTTAAATGCACTGGCACCAAAAGGTGCTCCCAATAGCTGCGAGTGGGAGCAGACTGAGGAT  
TCTGGACGGGCCGTTGCTGAGGACGAAGAAGAAGAGGATGAAGACGAGGAGGAAGAGGAGGAAGAGCAGA  
ACGCTCGGACCAGGCCACTAAGAAAACATCATGTATATGCCAGGCCCTCTGTCTGGCGAGACTATAAC  
TAAGAGCGGTCTCCAGATCGGTTCCGACAACGCAGAGACGAGGCCAAACCCGTCTATGCCGATCCAAGT  
TACCAGCCAGAACCCAGATTGGGGAGAGCCAGTGAATGAAGCCGACGCCAACCGTCCCGTGGCCGGG  
TGCTCAAAAAGACGACGCCCATGAAACCCTGTTACGGAAGCTACGCTCGGCCACTAATCCTTTTGGCGG  
GCAGAGCGTCTCGTACCGGATGAAAAGGCGTCCCGCTTCTAAGGTGGACCTGCAATTTTTCTCCAAC  
ACCACTAGCCTGAATGACAGGCAAGGTAACGCCACGAAGCCAAAGGTGGTGTCTTACTCCGAGGATGTCA  
ATATGGAGACGCCGATACCCATCTTTCTACAACCAGGCAAGGGAGATGAAAATTCAAAGGCCATGCT  
GGGCCAGCAAAGCATGCCAACAGACCAATTACATTGCTTTCCGAGACAACCTCATCGGACTGATGTAC  
TATAATGACCCGGCAACATGGGAGTGTGGCTGGACAGGCTTCCAGTTGAATGCAGTTGTCGATCTCC  
AGGACCGCAACACTGAACCTGAGCTATCAGCTCCTCCTCGATAGTATCGGAGATAGAACCAGGTATTTCTC  
TATGTGGAATCAGGCCGTGGATAGCTACGACCCGACGTCGAATTATCGAAAACCAGGCACCGAGGAT  
GAGCTCCCTAACTACTGTTCCCCCTGGGCGGGATCGGCGTTACCGACACGTACCAAGCAATTAAGGCGA  
ATGGTAATGGAAGCGGGATAACGGTGACACAACCTGGACAAAAGATGAAACTTTCGCAACCAGAAATGA  
AATTGGGGTGGGAACAATTTCCGCGATGGAATCAATTTGAACGCTAATCTGTGGAGGAATTTCTGTAC  
AGCAATATTGCGCTGTATCTGCCGACAAAACCTGAAGTACAACCAACTAATGTAGAGATCAGCGACAATC  
CAAACACTTATGACTACATGAACAAGCGCGTGGTCCGCCCCGGCCTTGTAGACTGTTATATTAACCTCGG  
CGCCCCGTGGAGTTTGGACTACATGGACAACGTGAATCCCTTCAACCACCACCGCAACGCAGGGCTGAGG  
TACAGAAGTATGCTTCTGGGGAATGGCCGGTACGTACCCTTTCATATTCAGGTACCTCAGAAATCTTTG  
CAATCAAGAATCTTCTCCTCCTGCCAGGTTCTACACATACGAATGGAATTTTCAGGAAGGACGTCATAT  
GGTGTGCAGAGCTCACTGGGTAACGACCTGAGAGTTGATGGCGCAAGTATCAAGTTCGATTCCATTTGC  
CTGTACGCTACTTTTTTCCCATGGCACATAACACCGCCAGCACCTTGGAGGCTATGCTTCGCAACGATA  
CTAATGATCAGTCATTCAATGATTACTTGTCTGCTGCTAACATGCTGTATCCAATCCCGGCTAATGCAAC  
CAATGTCCCGATTAGCATACCGTCCAGGAATGGGCCCGCTTTCGCGGGTGGGCGTTTACACGGTTGAAG  
ACAAAAGAAACACCTAGTCTGGGTAGTGGCTATGATCCTTATTATACGTATTCGGCAGCATTCCATATC  
TGGATGGAACATTTTACCTCAACCATACTTTCAAGAAGGTGGCTATTACTTTCGACTCTAGTGTGCTTG  
GCCGGGAAACGATAGACTTCTGACGCCAATGAGTTCGAAATTAAGCGCTCTGTGGATGGCGAGGGATAC  
AATGTGGCCAGTGCAACATGACGAAGGACTGGTTTTCTGTCCAGATGCTGGCAAACATAACATTGGTT  
ACCAGGGCTTTTATATTCAGAGTCTACAAGACAGAATGTAATCATTTTTTAGGAACTTCCAACCTAT  
GAGCCGCCAGGTTGTGGACGACACTAAGTACAAGGAGTACCAGCAGGTCGGCATACTGCACCAGCACAAT  
AATTCTGGCTTCGTGGGTACCTGGCCCCAACCATGCGGGAGGGCCAGGCGTACCCTGCCAATGTGCCCT  
ATCCTCTGATTGGCAAACCGCGGTGGACAGCATTACCCAAAAAAGTTCCTGTGCGACAGGACCCTGTG  
GAGAATCCCTTCTCAAGTAATTTATGAGCATGGGAGCCCTGACCGACCTTGGCCAAAACCTGCTCTAC  
GCAAACCTCAGCACAGCTCTGGACATGACCTTCAAGTTGACCCAATGGATGAACCCACGCTGCTGTACG  
TACTGTTTGGAGTTTTTATGATGTGGTGGCGGTCCATCAGCCTCACCGCGGCGTGATAGAGACGGTTTTATCT  
CGGAACACCTTTTTCCGCCGGCAATGCAACCACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100383 representing NP\_040525  
 Red=Cloning sites Green=Tags

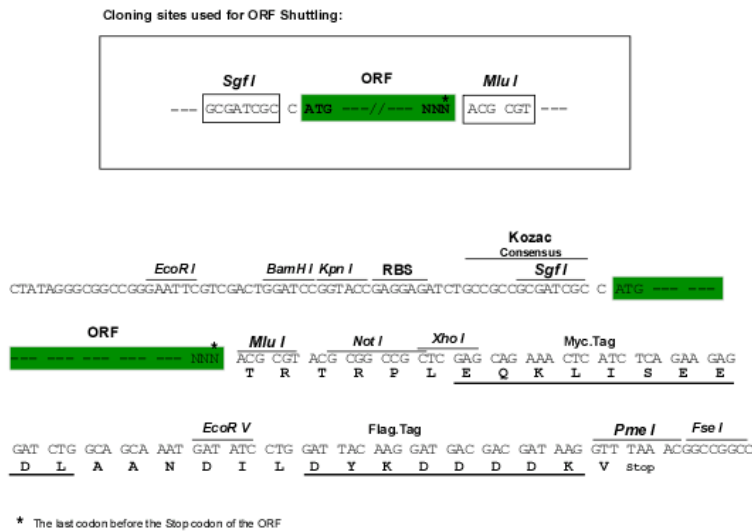
MATPSMMPQWSYMHISGQDASEYLSPLGVQFARATETYSLNKFRNPTVAPTHDVTDRSQRLTLRFIP  
 VDREDTAYSYKARFTLAVGDNRLVDMASTYFDIRGVLDRGPTFKPYSGTAYNALAPKGAPNSCEWEQTED  
 SGRAVAEDEEEEEDEEEEEEQNARDQATKKTHTVYAQAPLSGETITKSLQIGSDNAETQAKPVYADPS  
 YQPEPQIGESQWNEADANAAGGRVLKKTTPMKPCYGSYARPTNPFGGQSVLVPDEKGVPLPKVDLQFFSN  
 TTSLNDRQGNATKPKVLYSEDVNMETPDTHLSYKPGKGDENSKAMLGQQSMPNRPNYIAFRDNF IGLMY  
 YNSTGNMGVLAGQASQLNAVVDLQDRNTELSYQLLLDSIGDRTRYFSMWNQAVDSYDPDVRIENHGTED  
 ELPNYCFPLGGIGVTDITYQAIKANGNGSGDNGDTTWTKDETFATRNEIGVGNFAMEINLNANLWRNFLY  
 SNIALYLPDKLKYNPNTNVEISDNPNTYDYMNRKVVAPGLVDCYINL GARWSLDYMDNVNPFNHHRNAGLR  
 YRSMLLGNGRYVPFHIVPQKFFAIKNLLLLPGSYTYEWNFRKDVNMVLQSSLGNDLRVDGASIKFDSIC  
 LYATFFPMAHNTASTLEAML RNDTNDQSFNDYLSAANMLYIPANATNVPISIPSRNWA AFRGWAFTRLK  
 TKETPSLGSYGDPYYTSGSIPYLDGTFYLNHTFKKVAITFDSSVSWPGNDRLLTPNEFEIKRSVDGEGY  
 NVAQCNMTKDWFLVQMLANYNIGYQGFYIPESYKDRMYSFFRNFQPMRQVVD DTKYKEYQQVGILHQHN  
 NSGFVGYLAPTMREGQAYPANVPYPLIGKTAVDSITQKKFLCDRTLWRIPFSSNFMSMGALDLGQNLLY  
 ANSAHALDMTFEVDPMDEPTLLYVLFVFDVVRVHQPHRGVIETVYLRTPF SAGNATT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC\_001405

ORF Size: 2904 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_001405.1</a> , <a href="#">NP_040525</a>
<b>RefSeq ORF:</b>	2904 bp
<b>Locus ID:</b>	2652998
<b>MW:</b>	109.2 kDa