

## Product datasheet for **VC100304**

### 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)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100304 represents NCBI reference of YP_002213811 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAAGACATTAACCTCAGTAGTCTCGCCCCAGACATGGCACCAACCTTACATGGGAACCTGGAGCG  
ATATCGGCACTTCACAGCTGAACGGAGGGGCATTTAACTGGTCCAGTATTTGGTCAGGACTGAAAACTT  
TGTTCTACTATCAAGACATATGGCAACAAGCGTGGAACCTCCAGCACCGGCCAGGCCCTGAGAAATAAA  
CTGAAGGACCAGAATTTTCAGCAGAAGGTAGTCGACGGTATCGCCAGCGGAATAAATGGAGTGGTGGAC  
TGGCAAATCAAGCCGTGCAAAAGAAAATTAACAGTAGGCTCGACCCACCAGCAACGCCCGGGGAAAT  
GCAAGTGAAGAGGAAATTCCTCCTCCCGAAAAAAGGGCGATAAGCGGCCTCGGCCAGACCTGGAGGAG  
ACGCTGGTAACACGGGTGGACGAACCCCCAGCTACGAGGAGGCCACAAAACCTGGTATGCCTACCACCA  
GACCAATTGCCCAATGGCTACAGGCGTAATGAAACCTAGTCAACTTCATCGCCCTGTTACCCTGGATTT  
GCCCCCTCCACCAGCCGCAACAGCCGTGCCGCAAGTAAGCCCGTAGCCGCTCCCAAACAGTCGCAGTC  
GCGCGATCAGCCCTGGAGGTGCTCCGAGACCAACGCACACTGGCAGAATACTCTCAACTCTATCGTGG  
GCCTGGGAGTACAGTCCGTTAAACGGCGCGGTGTTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC100304 representing YP\_002213811  
 Red=Cloning sites Green=Tags

MEDINFSSLAPRHGTPYMGWSDIGTSQLNGGAFNWSSIWSGLKNFGSTIKTYGNKAWNSSTGQALRNK  
 LKDQNFQQKVVVDGIASGINGVVDLANQAVQKKINSRLDPPPATPGEMQVEEIIPPPEKRGDKRPRPDL EE  
 TLVTRVDEPPSYEEATKLGMPTRRIAPMATGVMKPSQLHRPVTLDLPPPPAATAVPASKPVAAAPKPVAV  
 ARSRPGGAPRPNAHWQNTLNSIVGLGVQSVKRRRCF

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_011202

**ORF Size:** 738 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\_011202.1, YP\_002213811  
RefSeq ORF: 738 bp  
Locus ID: 6870505  
MW: 26.6 kDa