

Product datasheet for **VC100475**

L3 (NC_003266) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | L3 (NC_003266) 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 VC100475 represents NCBI reference of YP_068031 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGATATTAACCTTCTCATCCTTGGCCCCGCGGCATGGGACGAGGCCTTTTATGGGAACCTGGTCAG
ATATAGGAACGTCTCAGCTCAATGGGGGGCGTTAATTGGTCCAGCCTGTGGAGCGGGCTCAAAAATTT
TGGCTCTACCCTGAAAACCTACGGTTCTAAGCGTGGAACAGTACTACAGGACAAGCACTTAGGGATAAG
CTGAAGGAGCAAAATTTTCAGCAGAAAGTAGTTGACGGCTTGGCATCTGGAATCAATGGTGTGGTGGATT
TGGCTAATCAGGCTGTGCAGAGACAGATCAATAGCAGGCTGGATCCCGTGCCACCCGAGGATCTGTTGA
GATGCCGAGGTGGAGGAGAACTGCCACCGCTCGACAAAAGGGGGACAAGCGCCCCGCCGGATGCT
GAGGAAACACTGCTCACACACCCGACGAACCTCCACCATATGAAGAAGCAGTAAAACCTGGGACTGCCTA
CCACGAGACCAATTGCCCCCTCGCCACCGCGTCTCAAGCCCGAATCATCCAAGCCTGCAACCCTGGA
CCTGCCTCCTCCTCAACGCCAAGACCATCTACAGTGGCAAAGCCCTCCCCCAGTGGCTGTTGCCCGC
GCTCGGCCAGGAGCCCGACCCAGGCCAATTGGCAGTCTACCCTGAACAGCATCGTTGGGCTCGGCGTAC
AAAGCGTGAAGAGGAGGAGATGTTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC100475 representing YP_068031
 Red=Cloning sites Green=Tags

MEDINFSSLAPRHGTRPFMGTWSDIGTSQLNGGAFNWSSLWSGLKNFGSTLKYGSKAWNSTTGQALRDK
 LKEQNFQQKVVVDGLASGINGVVDLANQAVQRQINSRLDPVPPAGSVEMPQVEEELPPLDKRGDKRPRPDA
 EETLLTHTDEPPPYEEAVKLG LPTTRPIA PLATGVLKPESK PATLDLPPPTPRPSTVAKPLPPVAVAR
 ARPGARPQANWQSTLNSIVGLGVQSVKRRRCY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_003266

ORF Size: 726 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_003266.2, YP_068031
RefSeq ORF: 726 bp
Locus ID: 2958473
MW: 26.2 kDa