

Product datasheet for **VC101848**

L2 (NC_012213) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L2 (NC_012213) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101848 represents NCBI reference of YP_002647037 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGACGCCAGCCAAGCGCAAGCGACGAAACGGGACACCGTTGAGAATATCTATCGCCACTGTGTGGGTGAGGACAGTGTCTGATGATGTGAGAAATAAAGTCGAACAGACTACCCTGGCTGACAAGATACTGAA GTGGATCGCATCCGTAGTATACTTCGGCGGCCTCGGGATCGGCACCGGTAAGGAACAGGCGGCAGCAGTGGTTACGTGCCAATTGGAAGTGGCGGTGGTGGCAGAGTGACATCACAGGGTACACCGCTGAGACCCTCTG TTGTGCTTGACCCTATCGGCCCTCCAGATATTGTTCCCGTAGATGTCGTTACCCAGACACGGCGTCTAT AGTGCCTCTGGAAGTCCCTCCACACCGACGGACGCAATCGTTCAGTGGATCCTCTTCAGCCTGATATA GTGGTACCACTGGATCCTGTGTCGATATTACAATCGATACTACAAGCCCTGCTGTGCTACGATTGACT CAACATCCGCTGTCTGGAAGTACAACCAACACTTCCACCCCTAAAAGGGTGTCCCTTAATTCAAGCCG ACACGCTACCCCTCTTATATTTCCGTGTACGGGCATCCAAGTACCCGTAAGTCAGGCGGCAGCGGAG GTGATTATCGGCCGCTGCTGCAACGGACGGAACCGTTGTCGACATCGGCGAGTCCATCCCTTTGGACACAT TCGTGCAGTCTCGGGGTCCAGTACCTTCGATATTGAGCCAGCTGCACAGCCTCGAACCTCTACACCTCG GGCCTTTCAGAGAGCCTTTCAGCGGGCAGAGACCTCTACAATCGCAGGGTACAACAAGTGGAGACCAGG AATGTTAACTTCTGAACAGACCACGGCAGGCTGTACCTTTTCAGTTTGAACACCCAGCTTTTGAAGAAG AAGTCACACTGCAGTTCGAACAGGACCTGAACACTCTGGCCGAGCTGCTCCAGATCCTGACTTTGCCGA CGTAGCCGCTTGGCAGGCCAGAGTTAGCGAAACGCTGAGGGACAGTTCGAATATCAAGACTCGGA CAGAGGGTACCATCCGACTAGTCTGGGCTGCAGATCGGCCCTCACGTACACTACTATTATGATATAT CATCAATTCATCCTGACAGCATCGAACTGCGCCCATAGGACAGCATAGTGGCGAGTCCGGTATCATATC TAATGCTTCCGCCGTGGCCGAATCTAGTTTTATTGAGGGCACACTATTCAGGAGCCACTCCTCAATGCC GACCTGGAGGATACTTATGCCGAGGACTTTACTAGCAGCCGACTCAGATTCGAGGTCTCCAGGAGTCT CCATCTCTCCGCCCTCGAAACCGTGGCACTGCCTCCCGGGGCCGCCCTGCAGTTCATCATCACTAGCAC TGGCGGAAACGCCCCACAACATTTCCCATACCCCAACAGTTCATGCAGCCATATGTCCTGTTGTG ATTTGTGGATTCAATCATCAGCAGTGATACGTTTTACCTGCATCCTAGCCTCGTTCGAAAGCGGAAGCGAA GAGACCTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101848 representing YP_002647037

Red=Cloning sites Green=Tags

MDAQPSAKRRKRDTVENIYRHCVSGTCDPDDVRNKVEQTTLADKILKWIASVVYFGGLGIGTGKGTGGSS GYVPIGTGGGRRVTSQGTPLRPSVVVDPVIGPPDIVPVDVVTPTDASIVPLEVPPPTDAIVVDPLQPDIVVPLDPVSDITIDTTS PAVATIDSTS AVLEVQPTTSTPKRVSLNNSRHATPSYISVYGHPTDPVSQAAAEVIIGAAATDGTVV DIGESIPLDTFVQSRGSSFDIEPAAQPRSTSPRAFQRAFQRARDLYNRRVQVVRTRNVNFLNRPRQAVTFQFENPAFEEVTLQFEQDLNLAAPDPDFADVIRLGRPRVSETPEGHVRISRLGQRGTIRTRSLQIGPHVHYDYDISSIHPSIELRPIGQHSGESGIISNASAVAESSFIEGHTIQEPLLNADLEDTYAEDFTSSRLRFAGLQGVSI SPALETVALPPGAALQFIIITSTGGKRPTTFPIQPVPMQPYVPFVIVDSFISSDTFYLHPSLVRKRKRRDLV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_012213

ORF Size: 1551 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_012213.1, YP_002647037](#)

RefSeq ORF: 1551 bp

Locus ID: 7559097

MW: 55.7 kDa