

Product datasheet for **VC101843**

L2 protein (NC_008188) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L2 protein (NC_008188) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L2 protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101843 represents NCBI reference of YP_656497 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGTGCAGCCGAAGAAAAGGCAGAAGCGCGACACTGTGGAGAACATCTATAAGCACTGTGCCGGGT
 CCGGCACCTGTCCCGAAGATGTCAAGAATAAAGTGGAACAGACGACACTGGCGGACAAACTTCTGAAATG
 GATCGCCAGTGTGGTGTACTTCGGCGGCTTGGGCATCGGGACAGGCAAGGGCACCGGGGGGGCTCCGGC
 TACGTACCTATTGGATCTGGCTCAGCCGGGGAGGGCGAGTCACATCTCAGGGAACAGTGGTCAGACCAG
 GCGTTGTAGTGGACCAATTGGGCCACACAGACATTGTCCCTATCGACGCCGTTACACCCAGAGTCTTTC
 AGTCGTACCCCTGGAAGTATCCCGAAATTGTCGGCGACCCACTCCACCTGACATCTCCACTCCGAAC
 ATTATTACCGTGACCGATCCAGTCTCCGACATTACTCTGGACACCACCTCACCCGCTGTCGCAACAATCG
 ATCCTACATCCGCCATTCTGGAGGTGCAACCCACAGCCTCCACTCCTAAGAGAGTCTCTGTGGGGAGCTC
 TCGGCACGTTACCCCTTCATATATTAGTGTGTATGGCCACCAACAGACCTGTTACCCAGAGCGCTGCC
 GAGGTATTTATCGGCGGAGCGGTAAGTGAAGGAAGTGTGCTCAACATCGGCGAATCCATTCCGCTGGAAA
 CGTTTGTAGAGACTCAGGGCTCTGCGACCTTCGATATTCAACCCACTGCTGAGCCACCTCGCACTTCTAC
 CCCTCGGGCATTTCAGCGCGCCTTTCAACGGGCTCGGGAAGTGTATAACAGGAGGGTCCAACAGGTACGG
 ACACGAAACATCGATTTCTGAACCGACCTCGACAGGCCGTGACTTTTCAGTTCGAGAATCCGGCATTTCG
 AAGATGAAGTGAGCCTGGTGTTCGAGCAGGATCTGAACCGCTGGCCACGGCCGCTCCTGATCCCGATTT
 TGCAGACGTCGTCGGCTCGGCAGACCAACCTTGTCTGAAACTCCAGAGGGACACATCCGGTTGTCAAGG
 CTGGGTCAGAGAGGGACCATACGGACCAGAAGTGGCCTGCAAATCGGGCCACACGTTCACTACTATTACG
 ATCTTTCTAGCATTTCATCCAGACAGCTTCGAACTGCAACCACTTGCCAGCACAGCGGGGACACCGGCAT
 AATTGATGCCGCTACTGCTCAGAGCATAGTCGCGGATACTGCAGAGTCCCTTTTCATCGAGGGGCAAACT
 CTCATTGGGCCACAGCTGGACAACGAGCTGCTGGATTCCACAACCGAGGACTTTAGTTCAAGTAGGCTGC
 GATTTGCCGGGTACACCACGGAATTCAGTTCCCGAGTTTGGATATTGTGACCTTGCCCCAGGCGCAGC
 TCTGCAGTTCGTGGTACCCGCTCCGACGGAAACATAATACCACTACAATTATCCCTCAATACATCCCA
 ACTACACCTTTTATCCCAAGTGTGTTGTTGATTCTTTGTGACTTCAACCACCTTCTATTTGCACCCGG
 GGCTTTCCAGAAAGCGAAAAAGAAGTCATATGTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101843 representing YP_656497
 Red=Cloning sites Green=Tags

MDVQPKKRQKRDTVENIYKHCAGSGTCEPVDVKNKVEQTTLADKLLKWIASVVYFGGLGIGTGKGTGGASG
 YVPIGSGSAGGGRVTSQGTVVVRPGVVVDPVIGPPDIVPIDAVTPQSSSVVPLEVIPEIVGDPTPPDISTPN
 IITVTDVPSDITLDTTSPAVATIDPSTAILEVQPTASTPKRVSVGSSRHVTPSYISVYGHPTDPVTSQAA
 EVFIGGAVTEGSVVNIGESIPLTFVETQGSATFDIQPTAEPPTSTPRAFQRAFQRARELYNRRVQQVR
 TRNIDFLNRPRQAVTFQFENPAFEDEVSLVFEQDLNALATAAPDPDFADVRLGRPTLSETPEGHIRLSR
 LGQRGTIRTRSLQIGPHVHYDYDLSSIHPSFELQPLGQHSQDGIIDAATAQSIVADTAESSFIEGQT
 LIGPQLDNELLDSTTEDFSSSRLRFAGVHHGIQFPSLDIVTLPPGAALQFVVTASAGKHNTTTIIPQYIP
 TTPFIPSVVVDSFVTSTTFYLHPGLSRKRKRSHMF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_008188

ORF Size: 1575 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_008188.1, YP_656497](#)

RefSeq ORF: 1575 bp

Locus ID: 5177011

MW: 56.2 kDa