

Product datasheet for **VC100310**

L1 (NC_011202) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_011202) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC100310 represents NCBI reference of YP_002213806 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCAGCAGGCTCCCGATCCTGCAATGAGGGCTGCTCTGCAATCTCAACCTAGCGGCATAAATTCAT
 CCGATGACTGGACGCAGGCTATGCAGAGAATAATGGCGCTTACCACAAGGAACCCAGAAGCATTCCGGCA
 GCAGCCTCAGGCTAACCGACTCAGCGCCATTATGGAGGCGGTGGTCCATCCCGATCAAACCCACTCAC
 GAGAAGGTCTTGCATCGTGAACGCTCTGTAGAAAATAAAGCTATAAGACCCGATGAGGCCGGCTGG
 TGTATAATGCCCTCCTCGAGAGGGTCGCCAGGTATAATCCAGCAATGTGCAGACAAATCTGGACAGGAT
 GATCACCGACGTGAGGGAGGCCGTGCCAGCGCAAAGATTCCAGCGCAGCCAACTCTGGGGAGTCTC
 GTCGCACTGAACGCTTTCTCAGCACCCAGCCTGCGAACGTCGCCAGAGGACAGCAGGATTATACCAACT
 TTCTGTCCGCTTGGAGCTTATGGTCAGCGAAGTGCCCAAAGTGAGGTCTATCAGAGTGGACCTGATTA
 CTCTTTCAAACGAGCAGACAAGGCCTGCAAACTGTCAACCTTAGCCAGGCCTTCAAGAACCTCAAAGGC
 CTGTGGGGCGTGACGCCCTGTGGGCGAAAGAGCCACCGTCAGTTCTCTGCTGACCCCCAATTCAAAGC
 TGCTCTTGTCTCGTCGCCCCCTTTACAGATTCAGGCAGCATCGACAGAAATTCATACCTGGGTTATTT
 GCTGAATCTTTACAGAGAGGCTATTGGGCAGAGCCAAGTGGACGAACAGACCTACCAGGAAATCACTCAG
 GTGAGTAGAGCACTTGGACAGGAGGACACAGGGAGCCTGGAGGCCACCCTGAATTTTTTGTCCACCAACA
 GGTCCCAGAAAATCCCGCCACAGTACGCCCTGACCGCCGAAGAGGAGAGGATCCTGCGCTATGTCCAGCA
 GAGTGTCCGCTGTTCTGATGCAAGAAGGGGCGACACCAACCGCCGCTCGACATGACTGCCAGAAAAC
 ATGGAACCCAGTATGATGCCTTAACAGGCCATTTATCAACAAGCTGCTCGATTACTTGCACCGAGCCG
 CAGCTATGAATTCGATTACTTCACTAACGCGATCTTGAACCCACATTGGCTGCCGCCCTCGCTTCTA
 CACTGGAGAGTACGATATGCCCGACCCTAACGATGGCTTTCTGTGGGATGACGTGGATAGCGATGTGTT
 TCCCCGCTTAGCGACCACAGGACATGAAAAAAGAGGGAGGAGATAGGATGCATAGCAGCGCCTCTCTTA
 GCGGGGTGATGGGAGCTACCGCTGCCGAGCCGAGTACAGCCAGCCCTTTTCCATCCCTCCCTTCTCACT
 GCATTGAGTGGTCTCAGAAGTGGGAGGATATCCAGGCCTAGTTTGGGCGAAGAAGAATACCTG
 AATGATTCTCTGCTGCGACCCGCGAGAGAGAAAAATTTCCCGAATAACGGGATCGAGTCTCTGGTCGATA
 AAATGAGCCGCTGAAAACGTACGCACAGGACCACAGAGATGAACCAGGTATAATGGGCATACCAGTAG
 AGCTTCAAGAAGAAGACAGAGACATGATCGGCAGCGCGCCTGGTCTGGGACGATGAAGACAGCGCAGAT
 GATTCTAGTGTACTTGTCTTGGAGGCCGGGACGCGGCAACCCCTTCGCACACTTGCGCCCTCGCTTGG
 GTGGCATGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100310 representing YP_002213806
 Red=Cloning sites Green=Tags

MEQQAPDPAMRAALQSQPSGINSDDWTQAMQRIMALTTRNPEAFRQQPQANRLSAIMEAVVPSRSNPTH
 EKVLAIVNALVENKAIRPDEAGLVYNALLERVARYNSSNVQTNLDRMITDVREAVSQRRERFQDANLGS
 VALNAFLSTQPANVPRGQDYTNFLSALRLMVSEVPQSEVYQSGPDYFFQTSRQGLQTVNLSQAFKNLKG
 LWGVHAPVGERATVSSLLTPNSRLLLLLVAPFTDSGSIDRNSYLGYLNLRYEAIGQSQVDEQTYQEITQ
 VSRALGQEDTGSLEATLNFLLTNRSQKIPPOYALTAEEERILRYVQSVGLFLMQEGATPTAALDMTARN
 MEPSMYASNRPFINKLLDYLHRAAAMNSDYFTNAILNPHWLPFPGFYTGEYDMPDPNDGFLWDDVDSVDF
 SPLSDHRTWKKEGGDRMHSSASLSGVMGATAAEPESASPFPSLPSLHVSRSSEVGRI SRPSLMGEEEYL
 NDSLLRPAREKNFPNNGIESLVDKMSRWKTYAQDHRDEPGIMGITSRASRRRQRHQRGLVWDEDSAD
 DSSVLDLGGRRGNPF AHLRPRLGGML

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NC_011202

ORF Size: 1761 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_002213806](#)
RefSeq ORF: 1761 bp

Locus ID: 6870507

MW: 65.6 kDa