

## Product datasheet for **VC100337**

### L1 (NC\_011203) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_011203) 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 VC100337 represents NCBI reference of YP\_002213773 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGCAGCAGCAGGCCACCCGACCCGGCTATGAGAGCCGCTCTCCAAAGTCAGCCATCCGGGATTAACA  
GTAGTGACTGACTGGACCCAGGCCATGCAAAGGATCATGGCCTTGACTACCCGAAACCCGGAGGCCTTCCG  
CCAGCAGCCTCAGGCAAACAGACTTAGCGCAATCCTGGAGGCGGTGGTCCCCAGCAGATCCAATCTTACC  
CACGAAAAGGTTCTGGCTATTGTAACGCCCTGGTCGAGAACAAAGCTATCAGGCCTGATGAGGCTGGCC  
TGGTGTATAACGCCCTTCTCGAAAGGAGTACACGGTACAATAGTAGTAATGTGCAGACAAATTTGGACCG  
GATGGTGACAGATGTCGCGAAGCCGTGTCTAACGGGAAAGGTTCCAACGCGATGCTAACCTGGGCTCA  
CTCGTTGCCCTCAATGCCTTCTGTCAACGCAGCCGCTAACGTCCCAAGAGGTCAGCAGGATTACACGA  
ACTTCTTTCTGCGCTCAGACTGATGGTGGCAGAAGTCCACAATCAGAGGTATATCAATCCGGCCAGAA  
TTATTTTTCCAGACCTCTCGGCAGGGCTTGCAGACCGTCAACCTCACACAGGCCTTAAAAATCTGAAA  
GGCCTTTGGGGTGTGCACGCACCTGTGGGCGATAGGGCCACCGTCTCTCTTGTCTCACACCTAACTCAC  
GGCTGCTGCTTCTGCTCGTCAGCCCTTACAGATTCTGGATCCATTGACAGAAATTCCTATCTGGGCTA  
TCTGCTTAATCTGTACCGGGAGGCCATCGGACAGAGCCAAGTGGACGAGCAGACCTACCAAGAAATCACT  
CAGGTCTCAGGACCCCTCGGGCAAGAGGACACCGGGAGCCTGGAAGCCACTCTCAATTTCTGCTGACGA  
ATAGAAGCCAGAAGATCCGCCCCAGTATGCGCTGACAGCGGAGGAGGAACGGATTCTGCGATACGTGCA  
GCAGTCCGTTGGTCTGTCTCTGATGCAGGAGGGTGCAACCCCAACCGCAGCCCTGGATATGACTGCCCGG  
AACATGGAGCCTTCAATGTACGCTTCCAACCGACCTTTTATTAACAAACTTCTGGATTACCTGCACAGGG  
CGGCCGCCATGAATTCTGACTATTTACGAATGCAATCCTGAACCCCACTGGCTCCCTCCACCAGGATT  
CTACACTGGTGTGATGACATGCCAGATCCAAACGATGGGTTTTTGTGGGACGATGTCGATTCTCCATA  
TTAGCCACCTCCAGGTTACACCGTCTGGAAAAAGAGGGCGGCGACCGGCACTCATCAGTCTCCT  
TGTCTGGAACCGCTGGGGCCGCTGCAACCGTGCCAGAAGCCGCAAGTCTTTCCAAAGCTTGCCTTCTC  
CCTTAACCTGTACGCTCCAGTGTGAGCTGGGACGGATTACCCGACCAAGGCTCATGGGCGAGGACGAGTAC  
CTGAACGACTCCCTGCTGCGCCCGAACGGGAGAAAAATTTCCCTAACACGGCATCGATCACTGGTGG  
ATAAGATGTCCAGGTGGAAGACGTATGCTCAGGACCACCGAGACGAACCCCGGATCTGGGCGCTACAAG  
TCGCCGATCCGGCGGAGGCAGAGACATGACCGGCAGATGGGGCTCGTGTGGGACGATGAAGATTACGCC  
GATGATTCTAGTGTCTCGACCTCGGCGCAGAGGAGGGGAAATCCGTTGCGGCACCTGCGACCCCGGT  
TTGGAAGATGCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC100337 representing YP\_002213773

Red=Cloning sites Green=Tags

MEQQQAPDPAMRAALQSQPSGINSSDDWTQAMQRIMALTTRNPEAFRQQPQANRLSAILEAVVPSRSNPT  
HEKVLAIYNALVENKAIRPDEAGLVYNALLERVARYNSSNVQTNLDRMVTDVREAVSQRRERFQRDANLGS  
LVALNAFLSTQPANVPRGQDYTNFLSALRLMVAEVPQSEVYQSGPDYFFQTSRQGLQTVNLTQAFKNLK  
GLWGVHAPVGDRAVSSLLTPNSRLLLLLVSPFTDSGSDRNSYLGYLNLNLYREAIQSQVDEQTYQEIT  
QVSRALGQEDTGSLEATLNFLLTNRSQKIPPQYALTAEEERILRYVQSVGLFLMQEGATPTAALDMTAR  
NMEPSMYASNRPFINKLLDYLHRAAAMNSDYFTNAILNPHWLPFPPGFYTGEDMPDPNDGFLWDDVDSI  
FSPPPGYTVWKEGGDRRHSSVSLSGTAGAAATVPEAASPFPSPFLNSVRSSELGRITRPRLMGEDEY  
LNDSSLRPEREKNFPNGIESLVDKMSRWKTYAQDHRDEPRILGATSRPISRRRQRHQRQMLVWDDSDSA  
DDSSVLDLGGRRGNPF AHLRPRFGRML

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NC\_011203

**ORF Size:** 1764 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\\_011203.1, YP\\_002213773](#)
**RefSeq ORF:** 1764 bp

**Locus ID:** 6870523

**MW:** 65.7 kDa