

Product datasheet for VC100336

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)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100336 represents NCBI reference of YP_002213772 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACCCTGTTCTGAGACAGATGCGCCCCAGCAGCAGGCACCATCTCAGCAGCAACCACAAAAGGCAC
TGTTGGCCCCCGCAGCACTGCTGCCGAGCCGTGTCCGGAGCAGGGCAGCCAGCTTACGACCTGGACCT
TGAGGAAGGGGAGGGACTCGCAAGGCTGGGAGCTCCCTCCCTGAGCGGCACCCAGGGTGCAGCTCAAG
AAAGATTCTAGGGAAGCATACGTTCCCCAGCAACTTGTCCGCGACCGATCCGGCGAAGAACCCGGAAG
AGATGAGAGCGTCCAGGTTAACGCAGGGCGGGAGCTTAGACACGACTCGACCGACGACGGGTGCTCCA
AGACGAGGATTTGAGGTAGACGAGGTTACCGGATTTTACCCGCTAGAGCCACGTGGCTGCTGCCAAC
CTTGAGAGCGCTACGAACAGACCGTTAAGGAGGAGAGAACTTCCAGAAATCATTTAATAATCACGTGC
GCACACTGATCGCCAGAGAGGAGGTGACCCTTGGTCTGATGCACCTTTGGGACCTCATGGAAGCGATAGC
CCAGAATCCACAAGCAAACCCCTACCCGCCAGTTGTTTCTGGTCGTGCAGCATTCTCGGGATAACGAA
GCTTTCAGGGAGGCTCTGCTCAATATCACCGAACCTGATGGCAGATGGCTCTACGACCTGATCAACATTC
TGCAATCAATTATCGTGCAGGAACGGTCTCTGGGACTCGCAGAGAAAGTGGCGGCTATCAATTACAGTGT
TCTCTCCCTCGGCAAGTATTACGCACGGAAGATTTACAAGACGCCCTATGTTCCGATTGACAAGGAAGTG
AAGATCGATGGATTTTACATGAGAATGACCTTGAAGGTCCTGACCTTGAAGGATGACCTGGGGGTTTATA
GGAACGACCGGATGCACCGCGCCGTGTCAGCAAGTCGGCGCCGAGAGCTCAGCGACCGAGAATTGATGCA
CTCACTGCAGCGGGCACTCACCGGTGCCGGCACTGATGGCGAGAATAATTCGATATGGGGGCCGACCTT
CAGTGGCAGCCTAGCCGCCGAGCTATGGAAGCCCGGATGCGAGCTGCCATACATCGAGGAAGTTGATG
AAGTCGAAGATGAGGAGGGGGAGTACCTGGAGGAT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGGTTTAA



[View online »](#)

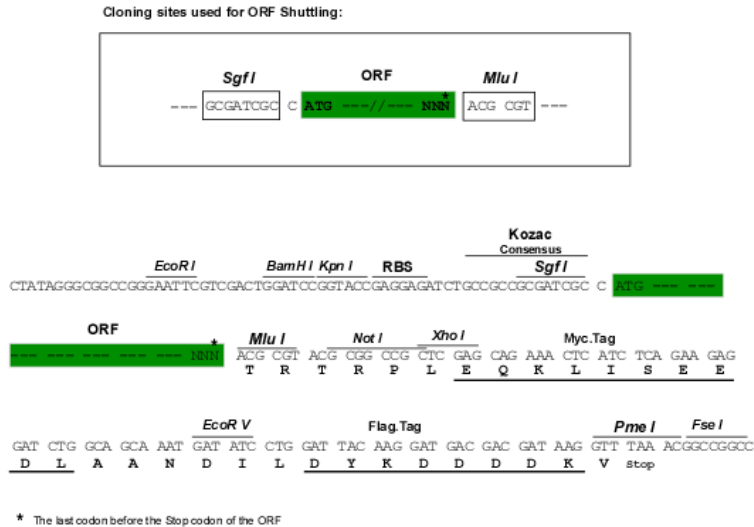
Protein Sequence: >VC100336 representing YP_002213772
Red=Cloning sites Green=Tags

MHPVLRQMRPQQAPSQQPQKALLAPATTA AAAVSGAGQPAYDL DLEEGELARLGAPSPERHPRVQLK
 KDSREAYVPQQNLFDRDSGEEPEEMRASRFNAGRELRHGLDRRRVLQDEDFEVDEVGTGISPARAHVAAAN
 LVSAYEQTVKEERNFQKSFNNHVRTLIAREEVTLGLMHLWDLMEIAQNPSTSKPLTAQLFLVVQHSRDNE
 AFREALLNITEPDGRWLYDLINILQSIIVQERSLGLAEKVAAINYSVLSLGKYYARKIYKTPYVPIDKEV
 KIDGFYMRMTLKVLTLSDDLGVYRNDRMHRAVSASRRRELSDRELMHSLQRALTGAGTDGENYFDMGADL
 QWQPSRRAMEAAGCELPYIEEVDEVEDEEGEYLED

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_011203

ORF Size: 1155 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_002213772](#)

RefSeq ORF: 1155 bp

Locus ID: 6870523

MW: 43.7 kDa