

## Product datasheet for VC100376

### L1 (NC\_001405) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_001405) 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 VC100376 represents NCBI reference of NP_040519 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCATCCTGTGTTGCGCCAAATGCGGCCCCCCACAGCAGAGGCAGGAGCAAGAACAACGCCAGACGT  
GTCGCGGCCATCTCCATCACCTACGGCCTCCGGCGCGCACCAGTCTGCAGATGCTGCTGCCGATGG  
TGATTATGAGCCGCCAGGAGACGAGCCCGCCACTATCTTGACCTTGAGGAGGGGAAGGCTGGCTAGG  
CTGGGCGCCCATCCCCGAGAGACACCCTCGGGTTCAGCTGAAAAGAGACACAAGGGAAGCTTACGTTT  
CTGCCAGAACTTGTTCCGGGATCGAGAAGGCCAAGAACCTGAGGAGATGAGAGACAGAAAGTTTCATGC  
AGGACGCGAGCTGAGACACGGTCTTAATCGGGAACGGCTCCTGCGAGAAGAGGATTTTCAACCTGACGCA  
AGAACAGGAATAAGCCCTGCTAGGGCTCACGTGGCGCAGCGGACCTCGTTACCGCCTATGAGCAGACCG  
TGAACCAGGAATTAATTTCCAGAAAAGTTTTAATAACCACGTGAGAACACTCGTAGCCAGAGAAGGTT  
GGCAATAGGCCTGATGCACCTGTGGACTTTGTTAGTGCCTTGGAGCAGAATCCAATAGCAAGCCACTT  
ATGGCTCAGCTGTTCTTGATAGTCCAGCATAGTCGAGATAACGAGGCTTCCGCGACGCTCTCCTAATA  
TCGTGAACTGAAGGTAGATGGCTGCTGGACCTGATTAATATTCTCCAGTCCATCGTCGTGAGGAAAG  
ATCCCTCTCACTGGCAGATAAGGTGGCCGAATCAACTACTCCATGCTGAGCCTGGGTAAGTTTTACGCA  
CGGAAAATCTATCACACACCTTATGTACCAATTGACAAAGAAGTTAAGATCGAGGGGTTTTACATGAGAA  
TGGCCCTGAAGGTTCTGACACTGTCAGATGACCTCGGCGTGTATCGCAATGAACGCATCCATAAGGCTGT  
TTCCGTTTCTCGCCGAGGGAGTTGTCCGATCGCGAGCTGATGCACTCATTGCAGAGAGCGCTGGCTGGC  
ACCGGTTCCAGGAGATAGGGAGGCGGAATCTACTTTGATGTCAGGAGCAGACCTTAGTGGGCACCTTCAA  
GAAGAGCTCTCGAGGCAGCAGGAGCTGGACCCGGCCTCGCAGTCGACCCGCGGGCTGGGAATGTTGG  
CGGCGTTGAGGAGTACGATGAAGACGACGAATATGAGCCCGAGGATGGAGAGTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTTAA



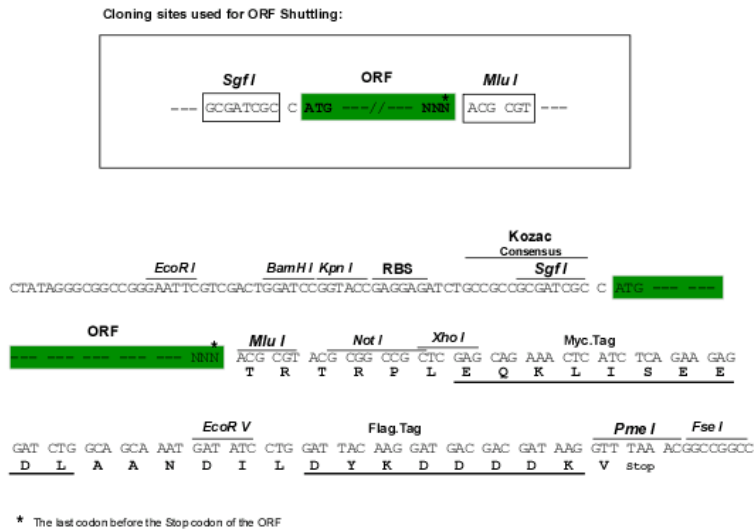
**Protein Sequence:** >VC100376 representing NP\_040519  
Red=Cloning sites Green=Tags

MHPVLRQMRPPPQQRQEQRQTCRAPSPSPTASGGATSAADAAADGDYEPPIRRRARHYLDLEEGLAR  
 LGAPSPERHPRVQLKRDTRAYVPRQNLFRDREGEEPEEMRDRKFHAGRELRHGLNRERLLREDFEPDA  
 RTGISPARAHVAAADLVAYEQTVNQEINFQKSFNNHVRTLVAEEVAIGLMLHLDWDFVSALEQNPNSKPL  
 MAQLFLIVQHSRDNEAFRDALLNIVEPEGRWLLDLINILQSIIVQERSLSLADKVAAINYSMLSLGKFYA  
 RKIYHTPYVPIDKEVKIEGFYMRMALKVLTLSDDLGVYRNERIHKAVSVSRRRELSDRELMHSLQRALAG  
 TSGSDREAESYFDAGADLRWAPSRRALEAAGAGPLAVAPARAGNVGGVEEYDEDEYEPEDGEY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001405

**ORF Size:** 1245 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\\_001405.1](#), [NP\\_040519](#)

**RefSeq ORF:** 1245 bp

**Locus ID:** 2652993

**MW:** 47.0 kDa