

## Product datasheet for **VC100455**

### L5 (NC\_010956) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L5 (NC_010956) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100455 represents NCBI reference of YP_001974434 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAGCAAAAGGTTGCGGGTGAAGACGATTTCAATCCCCTGTACCCATACGGATATGCCCGCAACCAAA  
ATATCCCTTTTCTCACACCTCCCTTCGTTAGCTCCGATGGCTTCCAGAATTTCCACCCGGCGTACTGTC  
TCTGAAGCTGGCGACCCCATCGGATCGTGAATGGGAACGTCTCACTGAAGGTTGGTGGCGGTCTGACC  
CTGCAGGATGGGACAGGCAAACTGACCGTGAATGCCGATCCTCCGTTGCAGCTGACCAACAAGTTGG  
GCATCGCATTGGACGCCCATTCGATGTTATCGATAACAAACTGACTCTTCTGGCGGGCACGGACTCAG  
CATAATTACAAAGGAGACCAGCACTCTGCCTGGACTGATTAATACCTTGGTGGTGTGACTGAAAAGGGG  
ATTGGTACAGAAAGTACAGATAACGGTGGGTCTGTGTGCGTGAGGGTGGGGGAGGAGGAGGACTCAGTT  
TTAATAATGACGGTGATCTCGTCGATTCAACAAGAAAGAGGACAAGCGGACCCTGTGGACCACTCCCGA  
TACGTACCAAACTGCAAGATCGACCAGGATAAAGACTCCAAACTGACCCTGGTGTCTACAAAGTGTGGC  
TCCCAGATTCTGGCCAATGTGCTACTCATAGTGGTCGCGGCAAGTACAAATCATCAATAACAATACAC  
AACCCGCCTTGAAGGGTTTTACAATCAAGCTTTTGTTCGATGAGAATGGCGTACTGATGGAATCTAGTAA  
TCTGGGAAGAGCTACTGGAATTTCCGGAACGAGAATTAATTATGTCTACAGCCTATGAGAAAGCTATA  
GGCTTCATGCCAATTTGGTCGATACCCTAAGCCGACTGCAGGAAGTAAGAAGTACGCCGAGATATTG  
TGTATGTTAACATCTACCTGGTGGAAAACCCGACCAGCCAGTGACCATTAAGACAACCTTTAACCAAGA  
AACAGGCTGCGAATACAGCATTACTTTTGGATTTTTCATGGGCAAAGACATACGTGAATGTTGAATTTGAG  
ACTACCAGCTTTACTTTTCTTACATCGCCAGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

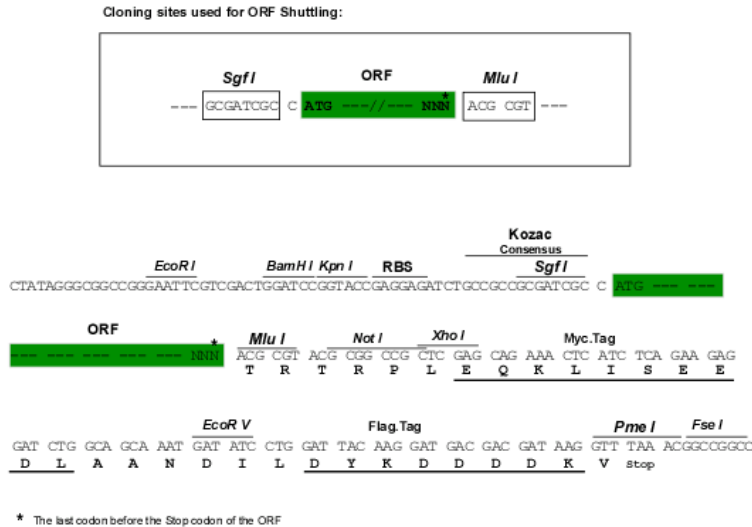
**Protein Sequence:** >VC100455 representing YP\_001974434  
Red=Cloning sites Green=Tags

```
MSKRLRVEDDFNPVYPYGYARNQNIPFLTPPFVSSDGFQNFPPGVLSLKLADPIAIVNGNVSLKVGGLT
LQDGTGKLTVNADPPLQLTNNKLGIALDAPFDVIDNKL TLLAGHGLSIIITKETSTLPGLINTLVVLTGKG
IGTESTDNGGSVCVRVGEGLSFNNDGDLVAFNKKEDKRTLWTPDTPNCKIDQDKSKLTLVLTKCG
SQILANVSLIVVAGKYKIINNNTQPALKGFTIKLLFDENGLMESSNLGKSYWNFRNENSIMSTAYEKAI
GFMPNLVAYPKPTAGSKKYARDIVYGNIIYLGKPDQPVTIKTTFNQETGCEYSITFDFSWAKTYVNVFEF
TTSFTFSYIAQE
```

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_010956

**ORF Size:** 1086 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\\_010956.1, YP\\_001974434](#)

**RefSeq ORF:** 1086 bp

**Locus ID:** 6386269

**MW:** 39.3 kDa