

## Product datasheet for VC100388

### L4 (NC\_001405) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	L4 (NC_001405) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100388 represents NCBI reference of YP_001551767 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCCCAAAAAAAGCTCCAGCTGCCTCCCCCTCCACCGACTGACGAGGAAGAATACTGGGACAGCC  
AGGCAGAGGAGGTACTTGACGAAGAGGAGGAGATGATGGAGGATTGGGATTCTCTGGACGAAGCTTCCGA  
GGCTGAAGAGGTCAGCGACGAAACCCCTAGCCCCGAGCGTCGCCTTCCCCCTCCCAGCGCCTCAAAGATTG  
GCCACTGTGCCATCCATAGCGACTACCAGCGCTCCACAGGCCACCCCGATTGCCTGTTTCGACAGGCCCA  
ATCGAAGATGGGATACCACGGGGACGAGAGCAGGAAAAGTAAGCAGCCCCACCTCTCGCTCAGGAGCA  
GCAGCAGCGGCAGGGCTATCGCAGTTGGAGAGGTCAAAAAATGCTATTGTGGCTTGCCTCCAAGATTGT  
GGTGGCAACATATCTTTCGCCCCAAGGTTCTGCTGTATCACCATGGGGTAGCTTCCCAGCAACATAC  
TGCACTATTACAGACACCTCTACTCCCCATACTGCACGGGTGGGAGCGGGAGCGGATCTAATTCAAGTGG  
GCACACTGAGGCCAAGGCCACCGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>VC100388 representing YP_001551767 Red=Cloning sites Green=Tags
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MAPKKKLQLPPPPPTDEEEYWDSQAEVLDDEEEMMEDWDSLDEASEAEVSDETPSPSVAFPSPAPQKL  
ATVPSIATTSAPQAPPALPVRPNNRRWDTTGTTRAGKSKQPPPLAQEQQRQGYRSWRGHKNAIVACLQDC  
GGNISFARRFLLYHHGVAFPRNILHYRHLVSPYCTGGSGSGSNSGHTEAKATG

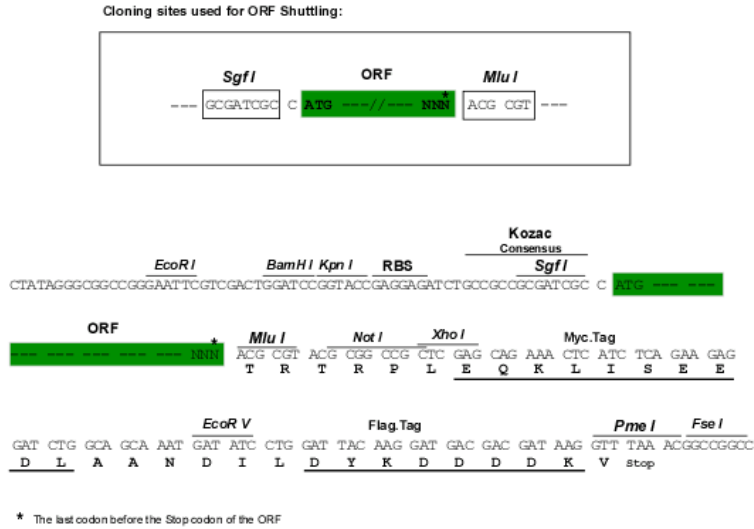
**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC\_001405

ORF Size: 585 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](#), [YP\\_001551767](#)

RefSeq ORF: 585 bp

Locus ID: 2653005

MW: 21.5 kDa