

Product datasheet for VC100480

L4 (NC_003266) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L4 (NC_003266) 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 VC100480 represents NCBI reference of YP_068036 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCACGCGGATCAAGTAAGAACTCAAGGTGGAATTGCCACCCGTGGAAGACCTCGAGGAGGATTGGG
AGAGCTCTCAGGCAGAGGAGGAGGAAATGGAAGACTGGGACTCTACACAAGCGGAGGATTCCTCCAGGA
TTCTCTGGAGGATGAGGAGGAAGCTGAGGAGGTGAAGAAGTCGCCGCTGCGGCACGGCCTCCAGTAGT
GCCGAGAAGGCTTCAAGCACAGACACCATCAGCGCCCCAGGAAGGGGACCCGCTAGGCCACACAGCAGAT
GGGATGAGACTGGTCGATTTCCAAACCCTACCACCCAGACGGCACCCACTACATCCAAGAAACGCCAGAA
GAAGACCAAGCCCGCAGCAAGAAAATCCACTGCAGCGGGCAGCAGGAGGGCTGAGGATCGCTGCTAAT
GAGCCAGCACAGACAAGAGAATTGAGGAACAGAATTTTCCCACATTGTATGCGATATCCAGCAAAGTA
GAGGGCAGGAACAAGAACTGAAGGTTAAGAATAGATCTCTTCGGTCACTCACTAGGTCCTGTTTGTATCA
CAAGTCAGAGGATCAGCTTCAACGGACTGGAAGACGCAGAGGCGTTGTTTAATAAATACTGTGCACTG
ACGCTCAAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC100480 representing YP_068036
 Red=Cloning sites Green=Tags

MPRGSSKKLKVELPPVEDLEEDWESSQAEEEEMEDWDSTQAEDSLQDSLEDEEEAEVEVEVAAAARPSSS
 AEKASSTDTISAPGRGPARPHSRWDETGRFPNPTTQTAPTTSKKRQKTKPAARKSTAAAAAGGLRIAAN
 EPAQTRELNRNRIFFPTLYAIFQQSRGQEQLKVKNRSLRSLTRSCLYHKSEDQLQRTLEDAEALFNKYCAL
 TLKE

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_003266

ORF Size: 642 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_003266.2, YP_068036
RefSeq ORF: 642 bp
Locus ID: 2958479
MW: 23.9 kDa