

Product datasheet for VC100469

L1 (NC_003266) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_003266) 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 VC100469 represents NCBI reference of YP_068025 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCCGGTGTTCGACAAATGAGGCCTCACCCACCACCCAGCAACAGCCTCCACCCACACAGCAAC
CAGCCCTGCTTCCCCCGCCTCAGCAGCAGCAATTGCCAGCCACAACCGCAGCAGCCGCGTGTCCGGAGC
TGTTCAATCACAATATGACCTGGCTCTGGAGGAGGGGAGGGACTCGCCAGACTGGGCGCCAGCTCTCCC
GAGCGCCACCCCGCGTCAAATGAAACGGGATGCCCGGAGGCATATGTCCCTAAACAGAACTGTTCC
GAGACCGCTCCGGCAGGAGCCCGAGGAGATGAGGGCCGCTAGATTTACGCAGGTCGCGAACTTAGAAG
GGCCTTGACCGAAAAGAGTTCTGAGGGACGAGGACTTTGAGGCGGATGAACTACCGGAATCAGCCCG
GCTAGGGCTCACGTGGCAGCCGCAATCTCGTCACCGCTTATGAGCAGACCGTAAAAGAAGAAAGTAACT
TTCAGAAAAGCTTTAACAACCAGTTAGGACTCTTATCGCCAGGGAAGAGGTAACGCTGGGACTCATGCA
TCTGTGGGACTTGCTCGAGGCTATCGTGAAAACCCACCTCAAACCTCTGACTGCTCAGCTTTTCCTG
GTGGTGCAACTCCCGGACAACGAACTTTTCGGGAGGCTTTGCTGAATATTACAGAGCCCGAAGGGA
GATGGCTGCTGGATTTGGTCAACATACTGCAGAGCATCGTAGTTCAGGAAAGAGGTCCTCCGCTCTCAGA
GAAACTCGCCGCTATTAACCTTTTCGCTGCTCAGCTGGGCAAGTACTACGCTAGAAAAGATTTACAAAACC
CCTTATGTCCGATAGATAAAGAGGTAAGATTGATGGATTTTACATGCGAATGACTCTTAAAGTCTTA
CACTTAGCGACGATCTCGGGGTGTACCGAATGACCGGATGCGCAGAGCCGTTTCTGCAAGCAGGAGACG
AGAGCTGAGTGATCAGGAAGTTATGCACAGTCTGCAGCGAGCCCTGACTGGGGCCGGAACCGAAGGCGAG
TCTTATTTTCGACATGGGCGCTGATCTGCATTGGCAACCCAGTCGGCGCGTCTTGGAAAGCAGCAGCGGTTCC
CTTACGTCGAGGAAGTGGACGACGAGGATGAAGGAGAATACCTGGAGGAT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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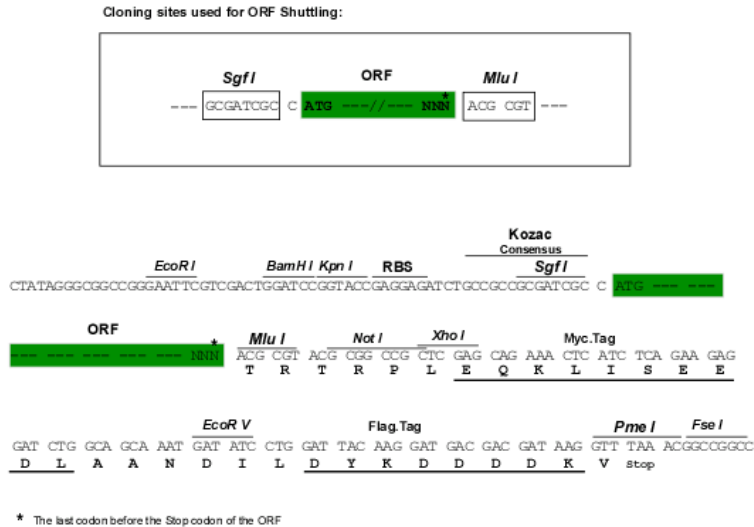
Protein Sequence: >VC100469 representing YP_068025
 Red=Cloning sites Green=Tags

MHPVLRQMRPHPPPQQPPPTQQPALLPPPQQQLPATTAAAVSGAGQSQYDLALEEGELARLGASSP
 ERHPRVQMKRDAREAYVPKQNLFRDRSGEEPEEMRAARFHAGRELRRLDRKRVLRDEDFEDEL TGISP
 ARAHVAANLVTAYEQTVKEESNFQKSFNNHVRTLIAREEVTGLMHLWDLLEAIVQNPTSKPLTAQLFL
 VVQHSRDNETFREALLNITEPEGRWLLDLVNILQSIIVVQERGLPLSEKLAAINF SVLSLGKYYARKIYKT
 PYVPIDKEVKIDGFYMRMTLKVLTLSDDLGVYRNDRMRRRAVSASRRRELSDQELMHSLQRALTGAGTEGE
 SYFDMGADLHWQPSRRVLEAAAVPYVEEVDDEDEGEYLED

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_003266

ORF Size: 1170 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_068025](#)

RefSeq ORF: 1170 bp

Locus ID: 2958472

MW: 44.3 kDa