

Product datasheet for **VC100014**

pVI (AC_000017) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | pVI (AC_000017) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | pVI |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >The Viral ORF clone VC100014 represents NCBI reference of AP_000511 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACATCAATTCGCCTCCCTCGCCCCCGGCATGGCAGTAGGCCTTTCATGGGGAATTGGCAGG
ACATCGGCACCTTAACATGTCTGGAGGAGCTTTCAGTTGGGGAAGTCTTTGGAGTGGCATCAAAAATTT
CGGTTCAACCGTCAAAAACCTACGGTAGTAAGGCCTGGAATCCAGCACGGGCCAGATGCTTAGAGATAAG
TTGAAGGAGCAGAACTTCCAGCAGAAAGTTGTTGATGGATTGGCAAGCGGCATATCAGGCGTAGTGGATC
TCGCTAACCGAGCAGTCCAGAACAAGATCAATAGTAAGCTCGACCCACGGCCCCCGTAGAAGAACCCCC
TCCTGCTGTGAGACAGTCCAGATGGCAGAGGCGAAAAGAGGCCCGACCGGACCGGAGGAGACA
CTGGTGACCCAAATCGATGAACCTCCATCATATGAGGAGGCACTCAAGCAGGGCCTGCCTACCACTAGGC
CTATTGCCCCATGGCTACTGGCGTTCTGGGCCAGCACTCCCGTGACCCTGGATCTTCCCCCACCAGC
AGACACCCAACAGAAACCAGTCTTCCCGGGCCTAGTGCAAGTTGTTGTAACGCGCCCTTACGGGCCAGT
CTCCGGCGCGCGCAAGCGGACCTCGGAGCTTGCACCTGTAGCCAGTGGAAACTGGCAGAGTACGCTGA
ACAGATTGTAGGCTTGGGTGTCCAGTCACTGAAGCGGAGGCGGTGCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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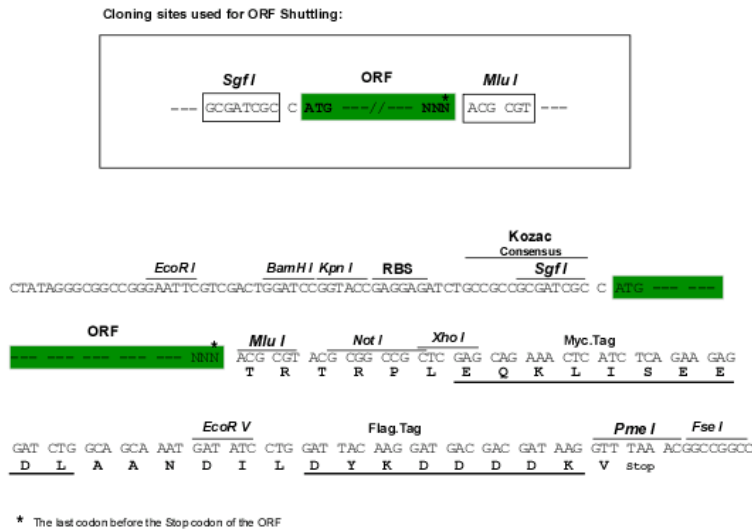
Protein Sequence: >VC100014 representing AP_000511
 Red=Cloning sites Green=Tags

MEDINFASLAPRHGSRPFMGNWQDIGTSNMSSGGAFSWGSLWSGIKNFGSTVKNYGSKAWNSSTGQMLRDK
 LKEQNFQQKVVVDGLASGISGVVDLANQAVQNKINSKLDRPPVVEEPPPAVETVLPDGRGEKRPRPDREET
 LVTQIDEPPSYEEALKQGLPTTRPIAPMATGVLGQHTPVTLDLPPPADTQQKPVLPGPSAVVVTRPSRAS
 LRRASGPRSLRPVASGNWQSTLNSIVGLGVQSLKRRRCF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: AC_000017

ORF Size: 750 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: AC_000017.1, AP_000511
RefSeq ORF: 750 bp
MW: 27.0 kDa