

## Product datasheet for **VC100012**

### V (AC\_000017) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	V (AC_000017) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	V Protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100012 represents NCBI reference of AP_000509 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTAAGAGAAAAATCAAGGAGGAGATGCTGCAGGTGATCGCCCTGAGATCTACGGACCACCCAAA  
AGGAAGAGCAGGACTATAAACCTCGGAACTTAAAAGGGTGAAGAAGAAGAAAAGGATGACGATGACGA  
ACTCGACGATGAGGTGAACTCCTTCACGCCACTGCGCCCCCGCGGGTGCAGTGGAAGGGGAGCGGG  
GTCAGAAGAGTCCTGAGGCCAGGTACGACCGTCGTGTTTACTCCAGGAGAGAGGTCCACCAGGACTTACA  
AGAGAGTGTACGATGAAGTGTACGGTGTAGGATCTCCTGGAACAGGCTAATGAACGGCTCGGCGAATT  
CGCATACGAAAAGAGACATAAGGACATGCTCGCCCTGCCACTGGATGAGGAAATCCTACTCCCTCTCTG  
AAACCTGTGACTTTGCAGCAGGTTCTTCCGCACTGGCTCCATCTGAAGAGAAACGAGGCCTGAAAAGGG  
AATCTGGGGATCTGGCACCAACAGTTCAACTGATGGTGCCGAAGAGGCAGCGGCTGGAGGACGTGCTTGA  
AAAGATGACTGTCGAACCTGGACTGGAGCCCGAGGTGCGAGTAAGACCTATCAAACAAGTGGCACCAGGA  
CTTGGAGTGCAGACAGTCGATGTTCAAATCCCTACAACCAGCAGTACGAGCATTGCCACTGCTACTGAGG  
GGATGAAAACCCAGACCTCCCCGTCGCCTCCGCCGTGGCCGACGACGCGGTTCAGGCTGCAGCGCGCC  
TGCTTCAAAGACTTCTACTGAAGTGCAGACTGACCCATGGATGTTTAGAGTGAGCGCCCCCTCGCAGCCCC  
CGCAGATCACGAAAGTATGGAGCAGCATCAGCCTTGCTCCCTGAGTACGCTTTGCATCCATCTATTGCC  
CTACACCTGGGTATCGCGGGTACACCTACAGGCCAGACGGCGGGCCACAACGCGCGCCGGATCACCA  
TGGGACTAGAAGGAGGCGACGCCGAAGGCAGCCAGTTCTCGCACCTATCTCTGTCCGGCAGTGGCCCGG  
GAGGGTGGCAGGACCCTCGTCTCCCCACGGCAGCCTATCACCCAGCATCGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

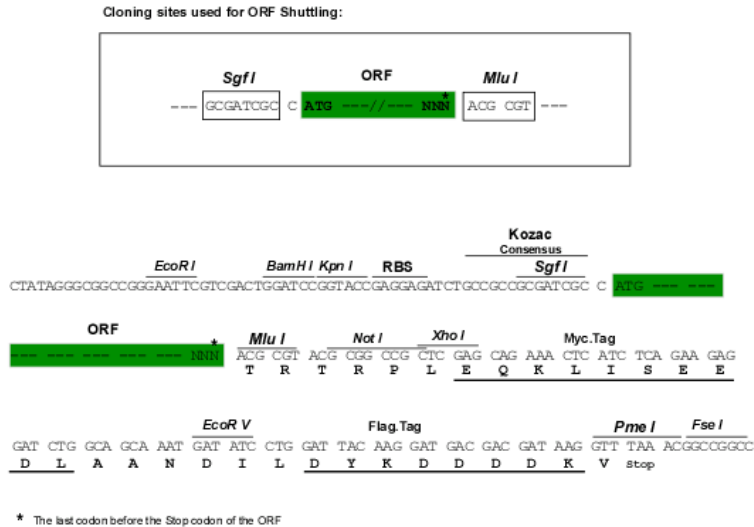
**Protein Sequence:** >VC100012 representing AP\_000509  
Red=Cloning sites Green=Tags

MSKRKIKEEMLQVIAPEIYGPPKKEEQDYKPRKLRVKKKKKDDDELDDEVLLHATAPRRRVQWKGRR  
 VRRVLRPGTTVVFTPGERSTRTYKRVYDEVYGDLELLEQANERLGEFAYGKRHKDMLALPLDEGNPTPSL  
 KPVTLQQVLPALAPSEEKRLKRESGDLAPTQVQLMVPKRQRLLEDVLEKMTVEPGLPEVVRVPIKQVAPG  
 LGVQTVDVQIPTTSSTSIATATEGMETQTSPPVASAVADAAVQAAAAAASKTSTEVQTDPMFRVSAPRRP  
 RRSRKYGAASALLPEYALHPSIAPTPGYRGYTYRPRRRATRRRITTGTRRRRRRRRQPVLAPISVRRVAR  
 EGGRTLVLPTARYHPSIV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** AC\_000017

**ORF Size:** 1104 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\_000509

**RefSeq ORF:** 1104 bp

**MW:** 41.6 kDa