

## Product datasheet for **VC102069**

### VP3 protein (NC\_001897) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VP3 protein (NC_001897) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VP3 protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102069 represents NCBI reference of NP_740385 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCACCTTCTAAGCCAATACCCCTGAGAAAGACCAAGTACCTCACAATGTCAACCAAGTACAAGTGA  
CGAGGAATAAAGTCGACATCGCTGAAGGCCCGGGAGCATGAATATGGCGAATGTACTCTCCACCACAGC  
TGCCCAAAGCGTTGCTCTTGTGGGAGAGCGGGCCTTCTACGACCCCGCACAGCTGGGTCTAAAAGCAGA  
TTCGATGATCTGGTTAAATCAGTCAGCTCTTTTCCGTGATGGCCGACTCAACCACTCCTCCGCCAATC  
ATGGCATTGATCAGAAAGGCTACTTTAAATGGAGCGCAAATAGCGATCCACAGGCAATCGTGCACCGAAA  
CCTGGTGCAATTTGAACCTCTCCCTAACCTCAAGGTATTCGAGAATCATATAGCTACTTCAGGGGATCT  
CTCATTATAAGGCTCTCTGTGTATGCCTCCACTTTAATAGAGGACGCCTGAACGGCTTCTTTCCAAATA  
GCTCCACAGACGAAACTCCGAAATCGATAACGCAATCTATACCATCTGCGACATCGGAAGCGATAATTC  
CTTCGAGATTACAATACCATATTCATTCTCTACCTGGATGCGGAAGACGCATGGCAAACCTATCGGCCTT  
TTTCAGATTGAGGTGCTGAATCGCCTGACATAAATTCTCTCACCCAACGAGGTCTACTGTATCGTGC  
AAGGCAAGATGGGGCAGGATGCCAAGTTTTCTGCCAACAGGCTCCCTGGTGACCTTTCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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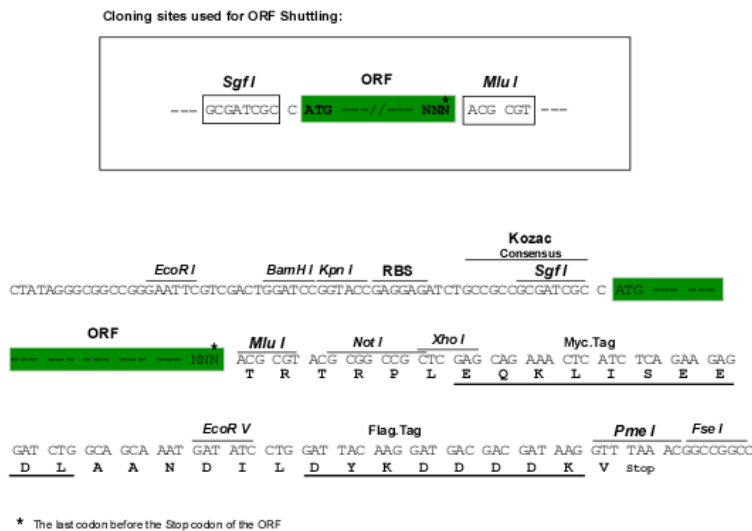
**Protein Sequence:** >VC102069 representing NP\_740385  
Red=Cloning sites Green=Tags

MAPSKPIPLRKTLYLTMSTKYKWSTRNKVDIAEGPGSMNMANVLSTTAAQSVALVGERAFYDPRTAGSKSR  
 FDDLVKISQLFSVMADSTTPSANHGIDQKGYFKWSANSDPQAIVHRNLVHLNLPNLKVFENSYSYFRGS  
 LIIRLSVYASTFNRGRLNGFFPNSSTDETSEIDNAIYITCDIGSDNSFEITIPYSFSTWMRKTHGKPIGL  
 FQIEVLNRLTYNYSSPNEVYICIVQKMGQDAKFFCPTGSLVTFQ

TRRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001897

**ORF Size:** 762 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\\_001897.1](#), [NP\\_740385](#)  
RefSeq ORF: 762 bp  
MW: 28.5 kDa