

## Product datasheet for **VC102075**

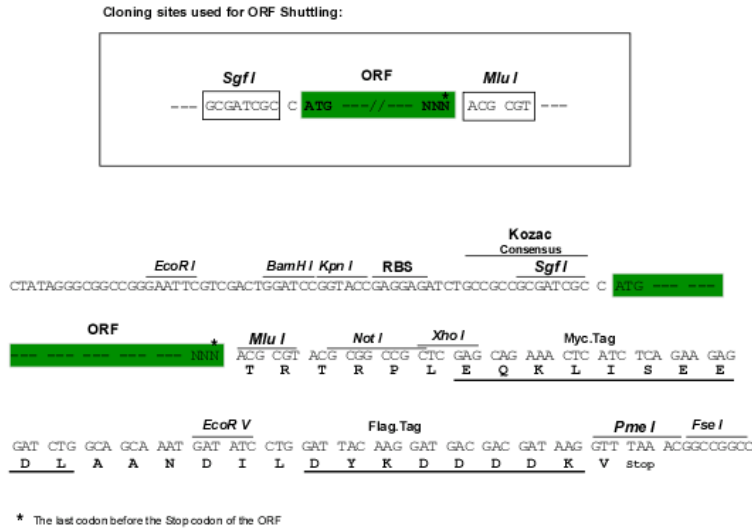
### VPg protein 3B (NC\_001897) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VPg protein 3B (NC_001897) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VPg protein 3B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102075 represents NCBI reference of NP_740735 with codon optimized for human cell expression <b>Red</b> =Cloning site <b>Blue</b> =ORF <b>Green</b> =Tags(s)  GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <b>CGATCGCC</b>  <b>ATGCGGGCCTACAACCCTACATTGCCTGTTGCAAACCTAAGGGCACGTTTCTGTCTCTCAGCGCGAAT</b> <b>TTAAGAACGAA</b>  <b>ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT</b> <b>ACAAGGATGACGACGATAAGGTTTAA</b>
Protein Sequence:	>VC102075 representing NP_740735 <b>Red</b> =Cloning sites <b>Green</b> =Tags  MRAYNPTLPVAKPKGTFPVSQREFKNE  <b>TRTRRLEQKLISEEDLAANDILDYKDDDDKV</b>
Restriction Sites:	SgfI-MluI



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**Cloning Scheme:**


ACCN: NC\_001897

ORF Size: 81 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\\_740735](#)

RefSeq ORF: 81 bp

MW: 3.1 kDa