

Product datasheet for **VC102070**

VP1 protein (NC_001897) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | VP1 protein (NC_001897) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | VP1 protein |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >The Viral ORF clone VC102070 represents NCBI reference of NP_740386 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGCTGGGGCAGCCAAATGGATCTTACAGACCCCTTGTGTATCGAGGACTCAGTTGAGGACTGCA
AACAAACCATCACGCCAACGGAGCTGGGCCTGACCAGCGCCAGGATGACGGACCGCTGGGAATGACAA
GCCTAATTATTTCTTAACCTTAAATCAATGAATGTGGACATTTTCACAGTCAGTCACACCAAGGTCGAT
AACATCTTTGGTCGCGCATGGTTTGCACACGTCCACGATTTTACTAATGATGGTCTTTGGCGACAGGGTC
TTGAATTCCTCAAAGGAGGACACGGTGCCCTTAGCCTCCTTTTTGCCTATTTTCACAGGAGAGCTTAATAT
CCACGTGCTGTTTCTGAGTGATCGCGGCTTCTTGCAGTGGGGCACACATATGACACGAAACAAATAGA
ACCAACTTCTGTCTAGTTCAGGGATTACTGTCCCGCAGGCGAGCAGATGACACTCTCAGTGCCAA
GTTACAGTAACAAACCCCTTCGCACAGTGCATCCAGTAACGCCTTGGGATACTTGCTGTGTAAGCCATT
GCTCACGGGCACATCTTCGGCCGCATCGAAATTTTCTCAGCCTGCGGTGTCCCAATTTTTTTTCCCT
TTGCCCGCCCTAAGCCCGCTACGAGAAAGTACAGAGGCGACTTGGCTACGTGGTCTGACCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC102070 representing NP_740386
 Red=Cloning sites Green=Tags

MNSWGSQMDLTDPLCIEDSVEDCKQTITPTELGLTSAQDDGPLGNDKPNYFLNFKSMNVDIFTVSHTKVD
 NIFGRAWF AHVHDF TNDGLWRQGLEFPKEGHGALSLLFAYFTGELNIHVLFLSDRGLRVGHYDTETNR
 TNFLSSSGIITVPAGEQMTLSVPSYSNKPLRTVRRSSNALGYLLCKPLLGTSSGRIEIFLSLRCPNFFFP
 LPAPKPATRKYRGDLATWSDQ

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001897

ORF Size: 693 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_740386](#)
RefSeq ORF: 693 bp
MW: 25.8 kDa