

Product datasheet for **VC102235**

putative NS2 protein (NC_001655) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative NS2 protein (NC_001655) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative NS2 protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102235 represents NCBI reference of NP_757356 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTGATACTGAGATCATTGGGGTCTCACTATCCACCTGTGGTGGCCCTCGTCGTCATGTCTAGGT
 TCGGGTTTTTGCACATCTGTTGCCCGGTGTGCTCTCGTAAACAGCTATCTGTGGCAGAGATGGGAGAA
 CTGGTTTTGGAACGTACCCCTTAGACCTGAGAGATTTTTCTGGTACTCGTCTGTTTTCCAGGAGCTACC
 TATGATGCGCTCGTCACATTTTGCCTGTGCCATGTTGCACTGCTGCCTCAGTCATCTGCAGCTAGCT
 TCTTTGGCACTGATTCCAGGGTACGGGCACATCGAATGCTGGTGGCTGGGAAAATGTCACGCCTGGTA
 TAGCCACTACGTCCTCAAATCTTTCTGCTGGTCTTTGGCGAGAATGGCGTGTCTTCTATAAACATCTG
 CATGGCGACGTCCTGCCTAACGACTTCGCGAGCAAGCTCCCACTGCAAGAGCCATTCTTCCTTTTCGAGG
 GAAAAGCCAGAGTCTACCGAACGAGGGCAGACGGCTGGCTTGTGGCGACACAGTGGATGGACTGCCTGT
 GGTGGCTCGGCTGGGGGATCTTGTGTCGCCGACTGGCCATGCCTCCCGATGGATGGGCTATAACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>VC102235 representing NP_757356 Red=Cloning sites Green=Tags
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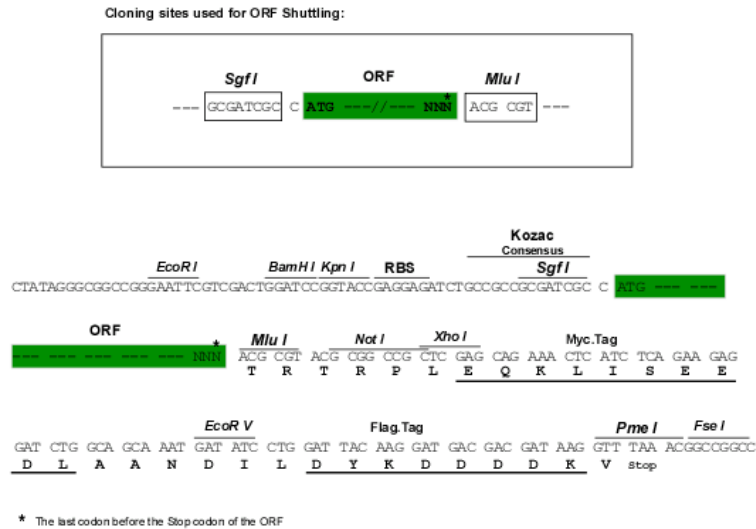
MFDTEIIGGLTIPPVVALVMSRFGFFAHLLPRCALVNSYLWQRWENWFVNVTLRPERFFLVLCFPGAT
 YDALVTFVCVHALLCLTSSAASFFGTDSRVRAHRMLVRLGKCHAWYSHYVLKFLLVFGENGVFYKHL
 HGDVLPNDFASKLPLQEPFFPFEGKARVYRNEGRRLACGDTV DGLPVVARLGDLVFAGLAMPPDGWAIT

TRTRRLEQKLISEEDLANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001655

ORF Size: 627 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_001655.1](#), [NP_757356](#)

RefSeq ORF: 627 bp

MW: 23.7 kDa