

## Product datasheet for **VC100544**

### NS1 (NC\_012042) Virus Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | NS1 (NC_012042) Virus Tagged ORF Clone |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | NS1                                    |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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ORF Nucleotide  
Sequence:

>The Viral ORF clone VC100544 represents NCBI reference of YP\_002586773 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGCCTTCTCCGCACCTGTAATAAGGGCATTCTCTCAGCCAGCATTACTTATGTGCTAAATTCCCAT  
ATGAGAATTGAAAGAGGAAGAGCACCTTCTGTGGAGCCTTCTGGCCCCAGGGACCGAAAGGCTGATGAT  
CCAGCTCCGAAATTGCGCCCTCATCCCGAAGACGATCCAGTCCGAGAGGACATACTGTGCTCTCTTGCA  
GACCAGCACTATGGAGCAATCTTTGCAAAAAGCTTGTACATTGCTACAACAACCCCTATGGGCCAAAAGC  
AACGCACCCCATTTCTCGGTGCGATATCATATGCCAATCAGAGATCGGTTCCAGAGCACCTGCATTGTCA  
CATACTCGTGGGCGGGCCGACTCAGTAAAAGAAATGCGAAGATATCACGAGCCACCCTTCTCGGCCTT  
GTCATGGCTGAAGTACACAGCGGTGCAAAACAGTTGCTTGCATTGAGACCTTTCGAGCCCGCGAAGCTA  
ATATTTCCACCTGCTTAAACGAATTGAGAGAGAAGCTTGGAGTGGGCACACTGGTAACTGGGTGCAGAT  
TCTTCAGTATAAGGACAAAAGGGGTGATCTCCATGCCCAACCAATTGACCCCTGAGATTCTCAAGCAT  
TACATCTCCCAAGAATAGGCTTATTTCTCCAAGCAGCAAGCCTGACGTGTGCAACAACCCAGACAAC  
GGTTTATCCTGGCTGACAAGACCTACGCCACACTATAATCAACGGCCTCCCTTGTGGAACACAATCG  
GAAGGCCTACCTCCAGGAGCTCGAGTCCGAGGTGATCCAGGGCCTTCTACAATGGCTTTTGAGGTAGG  
GGGCGTGGGAGCAGCTGCCCGAGTGGGCGAGCAACGCTTGATAACAAGCAACGCTAGCACCGCATACA  
AAGCCAATAAGAAAGAGAAGCTGATGCTGAATTTGCTGGATAAGTGCACGAAGTGAATCTGCTGGTCTA  
TGAGGACCTGGTGTCTGCCTGCCCTGACTGCTCCTCATGCTTGGGGCAACCTGGCGGCGCTCGACTC  
ATCGAACAAGTGTGGGATGCATCACATAAAAAGTTTGGCAAAAATATACCGCCCTACCTTCTTGTTC  
ACTTGATCCTGATCAGCTGCTGACTTCTAACAACAAAGCTCTGAACTGCTCCTGATACAGGGATACAA  
CCCACTTCAGGTAGGACACGCGATCTGCTGTGTGCTCAATAAGCAGATGGGAAAGCAGAATACTATCTGT  
TTTTACGGACCTGCTTCCACCGCAAGACCAATTTGCAAGGCCATCGTGCAGGGCGTGGGCTGTATG  
GATGTGTGAACCACCTCAATAAGGGTTTGTCTTAAATGATTGCCGGCAGCGACTGATAATCTGGTGGGA  
GGAGTGTGTGATGCACCAAGATTGGGTGGAGCCCGCTAAATGTATCCTGGGCGGCACTGAATGTAGGATT  
GATGTGAAGCACAAGGATTCCGTTCTGCTCCAGCAAACGCCTGTGATCATAAGTACTAACCATGACATTT  
ACTCTGTAGTCGGCGGAAACACTGTGTCCCATGTCCATGCTGCTCCCTGAAGGAAAGGGTACTTCAGCT  
CAACTTTATGAAGCAACTGCCTCAGACCTTTGGCGAAATCAGCCCGTGGAAATCGCGAACTGCTCCAG  
TGGTGTTCATGAGTACGAGTGCAGCTGACCGGATTTAAACAGAAATGGAACCTCGACAAAGTGGCCA  
ATTCCTTTCCCTGGGCGACCTCTGCCCTACCCACAGCCAGGACTACACACTGCACGAGAATGGGTTCTG  
CACTGACTGCGGCGGCTATCTGCCCCATTCTGCTGACGACTTCGTATACACCGATGTGGCCTCAGAGACT  
ACCAGTGGCGATTGCGATCCAGGGCGACTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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\\_012042.1](#), [YP\\_002586773](#)

**RefSeq ORF:** 1920 bp

**Locus ID:** 7755626

**MW:** 72.1 kDa