

## Product datasheet for VC102094

## NS1 (NC 001781) Virus Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** NS1 (NC\_001781) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: NS1

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >The Viral ORF clone VC102094 represents NCBI reference of NP\_056856 with codon

Sequence: optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGGCTGCAACTCTCTGAGCATGATAAAAGTTCGGCTGCAGAACCTCTTCGACAATGATGAAGTCGCGC
TCCTGAAGATCACATGTTACACAGACAAGCTGATCCTCCTGACAAACGCCTTGGCCAAAGCTGCCATCCA
CACTATAAAGCTGAACGGGATTGTGTTTATACACGTGATCACCTCTTCTGAGGTGTGCCCTGATAATAAC
ATTGTTGTCAAATCCAATTTTACCACAATGCCCATACTCCAGAATGGGGGGGTATATTTGGGAGCTGATCG
AATTGACTCATTGTAGCCAGCTCAACGGACTCATGGATGACAACTGTGAAATCAAGTTTAGTAAGCGCCT
GTCAGATTCTGTAATGACTAACTATATGAATCAGATTTCTGATCTCCTCGGACTGGATCTGAATTCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAG**GTTTAA** 

Protein Sequence: >VC102094 representing NP\_056856

Red=Cloning sites Green=Tags

MGCNSLSMIKVRLQNLFDNDEVALLKITCYTDKLILLTNALAKAAIHTIKLNGIVFIHVITSSEVCPDNNIVVKSNFTTMPILQNGGYIWELIELTHCSQLNGLMDDNCEIKFSKRLSDSVMTNYMNQISDLLGLDLNS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: <a href="https://cdn.origene.com/chromatograms/ja1943">https://cdn.origene.com/chromatograms/ja1943</a> f10.zip

Restriction Sites: Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

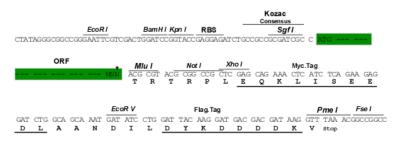
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## **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NC\_001781

ORF Size: 417 bp

**OTI Disclaimer:** 

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:customport@origene.com">customport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.

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.

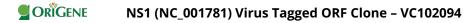
Components:

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 001781.1, NP 056856



 RefSeq ORF:
 417 bp

 Locus ID:
 1489818

 MW:
 15.5 kDa