

Product datasheet for **VC100548**

NS1 (NC_012564) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NS1 (NC_012564) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC100548 represents NCBI reference of YP_002808454 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTTTAACCCACCGTAATCAGAGCCTTCTCATCCCAGCCTTTACATATGTTTTAAGTTCCCAT
ATCCATCCTGGAAGGAAAAAGAGTGGCTCCTTCATGCACTCCTCGCACATGGCACTGAGCAGGCTATGAT
TCAGCTGCGGAACTGCGTTCCTCACCTGACGAAGACATCATTAGAGACGATCTTCTGCTCAGTCTGGAA
GACCGCCATTTGGGGCTATTCTGTGTAAGGCAGTGTATATGGCAACTACTACCTTTATGTCCCAGAAGC
AGAGAAATATGTTCCACGGTGCATATTATCGTCCAATCCGAGCTCGGTGAGACAAATCTGCAGTGCCA
CATAATAGTTGGGGTGAAGGCCTGTCCAAGAGAAACGCTAAAACATCATGCCCTCAGCTGTATGGACTG
ATTTTGGGAGAACTGATACAGAGGTGCAAGACTGCTGGCTACCCGCCCTTTGAGCCCGAGGAGCGCG
AAATTTACCACGCACTGAAGAGGGCTGAGCGCGAGGCCTGGGGGGGGTACGTCAGGGAACCTGCAGAT
TTTGCACTACAGAGACAGACGCGCGACCTCCATGCTCAGCAGGTGGATGCCCTCAGATTTTTAAAAAT
TACCTGCTGCCTAAGAACCAGATGTATTACCAGCTACAGCCGGCCCGACGCTCTGTACGTCCCCGAAAAC
GGTTCTGTTCTGGCTGAGAAGACGTAAGTGTACACACTGGTTAACGGCCTGCCACTCCCGAACACTACCG
CAAACATTACCACGCTACTCTCGACAATGAGGTTCTGCCTGGACCTCAGACAATGGCCTTTGGCGGCAGA
GGCCCTTGGGAACATCTGCCAGAGGTTGGGGACCAGAGACTTGCAGCTTCTTCCGTGTCCACAACATACA
AACCTAACAGAAAAGAAAAGCTCATGCTGAACCTGCTGGACAAATGCTCAGAATTGAACCTGCTCGTATA
TGAAGACCTCGTAGCAAACCTGCCAGAGCTGCTTCTCATGCTCGAGGGACAGCCCGGAGGGGCTAGACTG
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CCCACTGATGGTAGGCCACGCCCTCTGCTGTGTTCTGAATAAACAGTTCCGAAAAGCAGAACACAGTCTGT
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GACGTGAAGCATCGGATAGCGTCTCTGACCCAAACCCCGTTATCATCTCCACCAATCACGATATCT
ATGCAGTAGTGGGGGTAATCCGTAAAGCCACGTGCACGCGGCCCCCTTAAGGAGCGGGTAATCCAAC
GAACCTTTATGAAACAACGCCACAGACCTTTGGCGAGATCACACCAGAAGAAATAGCCGCTCTCCTCAA
TGGTGTTTTAACGAATACGAGTGCAGTCTGACTGGCTTCAAGACCAAGTGGAGCCTGGACAAGATCCCA
ACTCTTTCCCGCTGGGAGTGTGTGCCACACACTCACAAGACTTCATTCTCCACGAAAATGGCTACTG
TACCGACTGTGGCGGATATCTGGCGCACTCCGCCGACGACTCAGTGTACACAGACCGGGCAAGTGATACA
AGCAAGGAAGCTATTGATGCGGGCAAAATCACCTTTAGCAAGCACTTCATTTATATCCTGTACACAACT
TGAAGCACATGTTAATTATCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100548 representing YP_002808454
Red=Cloning sites Green=Tags

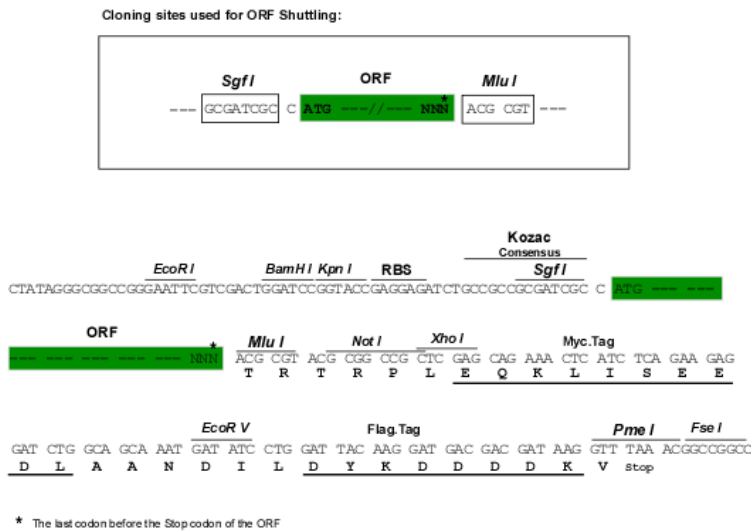
MAFNPPVIRAFSSPAFTYVFKFPYPSWKEKEWLLHALLAHGTEQAMIQLRNCVPHDPDEDIIRDDLLE
 DRHFGAILCKAVYMATTTFMFSQQRNMFPRCDIIVQSELGETNLHCHIIVGGEGLSKRNAKTS
 QPQLYGLILGELIQRCKTLLATRPFEPEEAEIYHALKRAEREAWGGVTSNQLQILQYRDRR
 GDHLHAQQVDALRFFKNYLLPKNRCITSYSRPDVCTSPENWFVLAEKTYCHTLVNLPLPEHYR
 KHATLDNEVLLPGPQTMAFGGRGPWEHLPEVGDQRLAASSVSTTYKPNKKEKMLNLLDKC
 SELNLLVYEDLVANCPPELLLMLEGQPGGARLIEQVLGMHHINVCSNFTALSYLFHLYP
 GTTSSDNKALQLLLQGYNPLMVGHALCCVLNKQFGKQNTVC FYGPASTGKTNMAKAI
 VQGIRLYGCVNHLNKGVFVNDQRQLVWWEELMHQDWVEPAKCILGGTECRI DVKHRDS
 VLLTQTPV IISTNHDIYAVVGGNSVSHVHAAPLKERV IQLNFMKQLPQTGFEITPEEIA
 ALLQWCFNEYECTLTGFKTKWSLDKIPNSFPLGVLCPHSHQDFILHENG YCTDCGGYLA
 HSADDSVYTDTRASDTSKEAIDAGKFTFSKHF IYILYTTLKHMFNYR

TRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC_012564

ORF Size: 1983 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_012564.1](#), [YP_002808454](#)

RefSeq ORF: 1983 bp

Locus ID: 7768240

MW: 74.9 kDa