

Product datasheet for **VC102238**

putative NS4B protein (NC_001655) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative NS4B protein (NC_001655) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative NS4B protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102238 represents NCBI reference of NP_757359 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAGCTTTATCCCACTCGAAGCCATGGTAGCAGCAATCGACAAATTGAAGAGCACCATCACTACAA
CAAGCCCGTTACCCCTTGAGACAGCCCTCGAAAAGCTCAATACCTTTCTGGGTCCCCATGCGGCCACAAT
ACTGGCGATCATCGAATACTGTTGCGGACTGGTGACGCTGCCAGATAACCCATTTGCCAGCTGCGTGTTT
GCCTTTATAGCAGGCATTACAACCCCTGCCCATAAAATTAAGATGTTCTGTCACTCTCGGCGGAG
CTATCGCCTCCAAATTGACCGACGCCAGGGGGCACTTGCTTTTATGATGGCAGGTGCTGCCGGTACCGC
TCTCGGCACATGGACAAGTGTGGCTTTGTCTTCGACATGCTCGGAGGTTATGCCGCCGCTCCTCAACC
GCATGCCTGACTTTTAAATGCCTGATGGGGGAATGGCCCACTATGGATCAGTTGGCCGGTTGGTCTACA
GTGCTTTTAAACCCTGCTGCAGGAGTTGTGGGTGTTCTCAGTGCATGCGCCATGTTGCCCTGACCACCGC
GGGTCTGATCACTGGCCGAACCGACTGTTGACTATGCTGGCACGAAGCAACACGTTTGAACGAGTAT
TTTATCGCCACAAGAGACATCAGACGAAAATTCTCGGGATCCTGGAGGCCAGTACCCCTGGTCTGTGA
TCTCTGCCTGCATTAGGTGGCTCCACACCCCAACCGAGGATGATTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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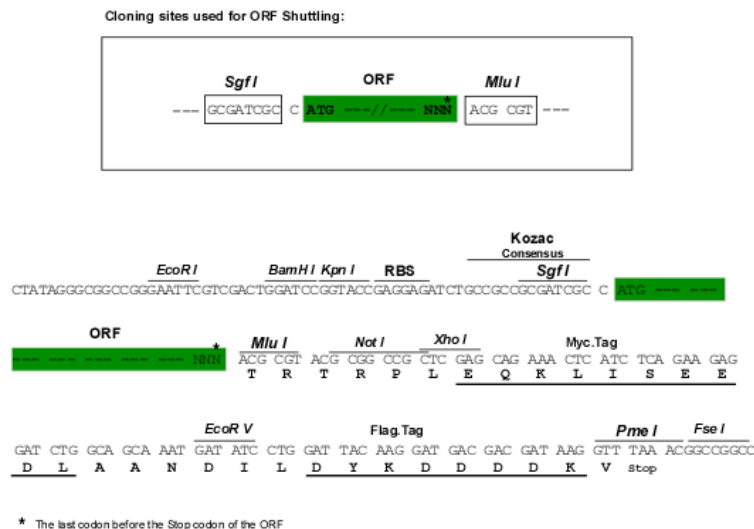
Protein Sequence: >VC102238 representing NP_757359
 Red=Cloning sites Green=Tags

MASFIPLEAMVAIDKLKSTITTTSPFTLETALEKLNFLGPHAATILAIIEYCCGLVTLDPNPFASCVF
 AFIAGITTTPLPHKIKMFLSLFGGAIASKLTDARGALAFMMAGAAGTALGTWTSVGFVFDMLGGYAAASST
 ACLTFKCLMGWPTMDQLAGLVYSAFNPAAGVGVLSACAMFALTTAGPDHWPNRLLTMLARSNTVCNEY
 FIATRDIRRKILGILEASTPWSVISACIRWLHTPTEDDC

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001655

ORF Size: 747 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_757359
RefSeq ORF: 747 bp
MW: 26.5 kDa