

Product datasheet for **VC102535**

nonstructural protein NS4A (NC_012532) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	nonstructural protein NS4A (NC_012532) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	nonstructural protein NS4A
Synonyms:	ZIKV_gp1, ZIKV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102535 represents NCBI reference of YP_009227203 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGCAGCACTCGGCGTGATGGAAGCACTCGGAACCCTCCCTGGACACATGACTGAGAGATTTCAGG
AAGCTATAGACAACCTTGCCGTGTTGATGAGAGCTGAGACAGGATCTCGACCTTACAAAGCCGCCGCTGC
ACAGCTGCCCGAAACACTCGAAACGATCATGTTGCTTGGACTCCTCGGAACAGTCTCACTCGGGATTTT
TTCGTTTTGATGCGCAACAAAGGAATTGAAAGATGGGATTCGGAATGGTCACTCTCGGAGCTTCTGCCT
GGCTGATGTGGCTTAGCGAAATTGAGCCCGCTAGAATTGCTGTACTGATTGTCGTGTTCTCCTCCT
CGTCGTCCTCATCCCCGAACCAGAAAAACAACGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>VC102535 representing YP_009227203 Red=Cloning sites Green=Tags
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MGAALGVMEALGTLPGHMTERFQEIDNLAVLMRAETGSRPYKAAAQLPETLETIMLLGLLGTVSLGIF
FVLMRNKGIGKMGFGMVTLGASAWLMWLSEIEPARIACVLIVVLLLVLVLIPEPEKQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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RefSeq ORF: 384 bp
MW: 13.8 kDa