

Product datasheet for **VC101753**

N (NC_004148) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N (NC_004148) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	N Protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101753 represents NCBI reference of YP_012605 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTACTGCAGGAATCCACTTGTCTGACCTTAGTTACAAGCATGCGATTCTGAAGGAATCACAGTACA
CTATCAAGAGAGACGTGGGAACGACGACAGCTGTGACACCTAGCTCCTTGCAACAGGAAATCACCCTTTT
GTGCGGGGAAATCTGTACGCGAAACATGCAGACTATAAGTACGCGGCCGAAATCGGTATTCAGTATATA
TCCACCCGACTCGGATCCGAGCGGTGCAGAGATACTCCGAAACTCTGGCTCAGAGGTGCAGTGGTAC
TTACTAGGACCTATTCTCTGGGAAAGGTGAAGAACAACAAGGCGAGGATCTCCAGATGCTCGACATTCA
TGGCGTTGAAAAAGTTGGGTGGAGGAAATCGATAAAGGAGCGAGGAAGACAATGGCCACTCTGCTGAAA
GAGTCTAGTGGGAACATCCCCAGAATCAGCGCCCTCCGACCCGACACACCAATCATCTCCTCTGCG
TGGGCGCCCTGATTTTTACGAACTCGCTCCACTATAGAAGTGGGGCTCGAACTACGGTACGGAGAGC
CAATAGGGTGCTGTCCGATGCCCTGAAACGATACCCAAGAATGGACATACCTAAAATTGCCAGGAGCTTC
TACGATCTGTTTGAACAGAAAGTGTATTACCGATCATTGTTTATCGAATACGGGAAGGCCCTGGGTCCA
GTAGTACAGGTTCCAAGGCGAGTCCCTGTTTCGTTAATATCTTCATGCAGGCTTACGGGGCTGGGCAGAC
AATGCTCCGGTGGGAGTGATCGCCAGAAGTAGTAATAACATCATGTTGGGCGATGTGAGCGTGCAGGCG
GAGCTTAAACAAGTCACTGAAGTGTATGATTTGGTGCAGGAGATGGGGCCAGAGTCAGGATTGTTGACC
TGAGGCAGTCCCCTAAGGCTGGTCTGCTCTCCCTCGCTAATTGCCCAATTTTCGCCTCAGTCGTTCTGGG
CAATGCCTCCGGTCTGGGCATCATCGGAATGTATAGGGGGCGGGTCCGAATACGGAACTTTTAGCGCT
GCGGAGAGCTATGCGAAAAGCCTGAAAGAGTCTAACAAGTCAATTTTAGTTCTCTGGGGCTCACTGATG
AAGAGAAAAGAGCCGCCGAGCATTTTTTGAACGTTAGCGATGACAGTCAGAATGATTATGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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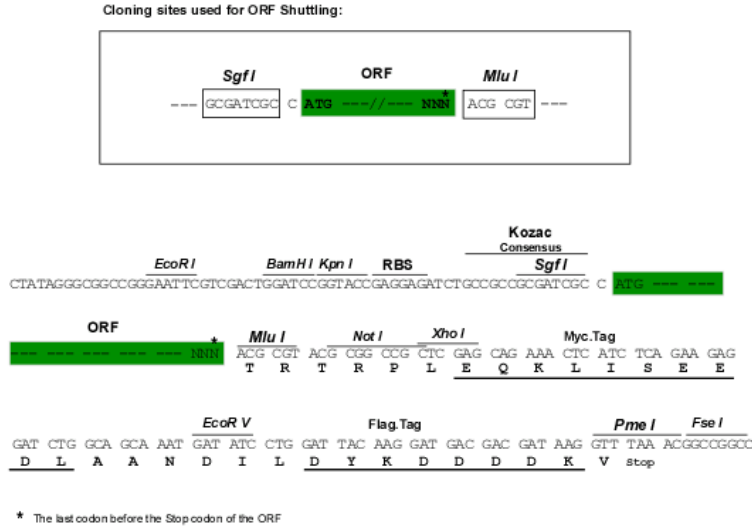
Protein Sequence: >VC101753 representing YP_012605
 Red=Cloning sites Green=Tags

MSLQGIHLSDSL SYKHAILKESQYTIKRDVGT TAVTPSSLQQEITLLCGEILYAKHADYKYAAEIGIQYI
 STALGSERVQQILRNSGSEVQVVLTRTYSLGKVKNNKGEDLQMLDIHGVEKSWVEEIDKEARKTMATLLK
 ESSGNIPQNRPSAPDTP IILLCVGALIFTKLASTIEVGL ETTVRRANRVLSDALKRYPRMDIPKIARSF
 YDLFEQVYYRSLFIEYGKALGSSSTGSKAESLFVNI FMQAYGAGQ TMLRWGVIARSSNNIMLGHVSVQA
 ELKQVTEVYDLVREMGPE SGLLHLRQSPKAGLLSLANCPNFASVVLGNASGLGIIGMYRGRVPNTELF SA
 AESYAKSLKESNKIN FSSSLGLTDEEKEAAEHFLNVSDDSQNDYE

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_004148

ORF Size: 1182 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_004148.2](#), [YP_012605](#)

RefSeq ORF: 1182 bp

Locus ID: 2799936

MW: 43.5 kDa