

Product datasheet for **VC102052**

NP (NC_003443) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NP (NC_003443) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC102052 represents NCBI reference of NP_598401 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAAGTGTGCTGAAGACCTTTGAAAGATTCACGATTCAGCAGGAAGTGCAGGAGCAGTCTGACGATA
 CGCCAGTCCCTCTCGAAACCATCAAGCCTACCATCCGCGTTTTTGTGATCAATAACAACGATCCTGTTGT
 ACGCTCACGCCTCCTGTTTTTAACTTGCGCATCATTATGTCAAATACTGCACGCGAGGGGCACCGCGCT
 GGCGCCCTGTTGTCTCTGTTGTCCCTGCCCTCCGACGAAATGTCCAACCATCAAACCTCGCCATGCATT
 CACCTGAAGCGTCCATCGACCGAGTGGAGATCACCGGATTCGAAAACAACCTCTTTCGGTTTATACCAGA
 CGCCAGATCCACCATGTCTCGAGGTGAGGTTCTTGCTTTCGAGGCTCTGGCCGAGGATATACCCGATACC
 TTGAATCATCAGACTCCATTCGCAATAACGACGTGGAGGACGATATCTTCGACGAGACTGAGAAGTTCC
 TTGATGTCTGTTACTCCGTCCTGATGCAGGCTGGATAGTGACTTGTAATGTATGACAGCCCCAGATCA
 GCCGCCGTGAGCGTCGAAAGATGGCTAAGTACCAACAGCAGGGTAGGATCAATGCTAGGTATGTTCTG
 CAACCTGAGGCACAGAGACTGATTCAAAATGCAATTAGAAAATCTATGGTGGTCCGCCATTTTATGACAT
 ATGAACTGCAACTGAGTCAGAGCCGGTCCCTGCTGGCCAATCGCTACTACGCCATGGTGGGAGACATCGG
 CAAATACATCGAGCACTCTGGGATGGGAGGCTTCTTCTGACGCTGAAGTATGGCCTGGGTACACGATGG
 CCTACTCTGGCTCTTGCCGCTTTTTCCGGCAATTGCAGAAACTGAAAGCCTTGATGCTGCATTACCAAA
 GTCTTGGCCCTATGGCCAAGTACATGGCTCTCTGGAATCACCAAGCTCATGGATTTCTGTTCTAGTGA
 ATATCTCTGGATTACTCATACGCAATGGGAATCGGCACTGTGCTGGACACCAATATGCGCAACTACGCA
 TACGGCCGGTCTTACCTGAATCAGCAGTATTTTCAGCTGGGCGTGGAGACAGCCCGAAGCAGCAGGGGG
 CTGTAGACAACAGAAGTCCGAAGATCTCGGGATGACGGCTGCTGACAAAGCAGATCTGACCGCTACTAT
 CTCCAAGCTTTCTTGTGCAATTGCCAGAGGTAGGCAGCCAATAAGCGATCCATTCGACGCGCAAAAC
 GACCGAGAGATGGGAGGACAAGCAACGACACTCCTGTATACAACTTCAACCCTATCGACACAAGGCGCT
 ACGACAATATGACAGTGACGGAGAGGACAGAATAGACAATGATCAGGATCAGGCAATACGAGAAAAATAG
 AGGCGAGCCCGGACAGCCAATAATCAGACGAGTACAATCAGCAGCGCTTAAACCCACCTATACCACAA
 CGCACCTCAGGAATGAGTTCAGAAGAATCCAGCATAGTATGAACAGTATATCCGCGCCATGCATGAGC
 AGTACCGGGCTCTCAAGACGACGATGTAACGATGCCACAGACGGTAATGATATTAGTCTGGAAGTCTCG
 CGGTGATTCGACAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC102052 representing NP_598401
 Red=Cloning sites Green=Tags

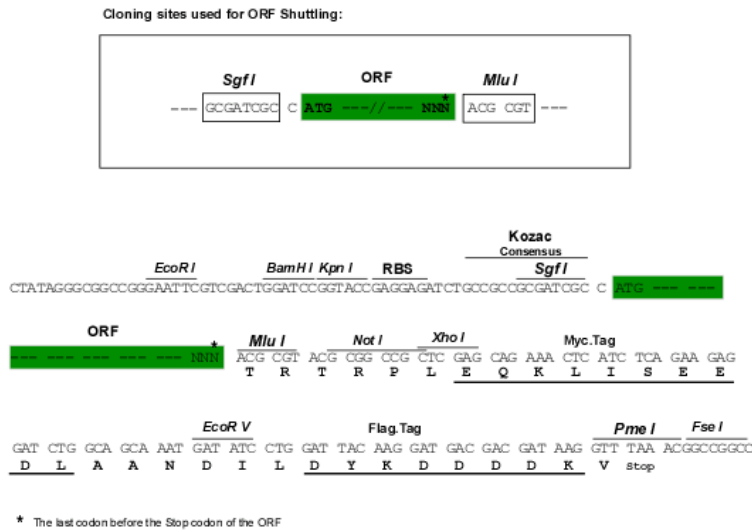
MSSVLKTFERFTIQELQEQSDDTPVPLETIKPTIRVVFVINNDPVVRSRLFFNLRIIMSNTAREGHRA
 GALLSLLSLPSAAMSNHIKLAHMSPEASIDRVEITGFENNSFRVIPDARSTMSRGEVLAFAEAIEDIPDT
 LNHQTPFVNNDVEDDIFDETEKFLDVCYSVLMQAWIVTCKCMTAPDQPPVSVAKMAKYQQGRINARVYL
 QPEAQRLIQNAIRKSMVVRHFMTYELQLSQSRLLANRYYAMVGDIGKYIEHSGMGGFFLTKYGLGTRW
 PTLALAAFSGELQKLKALMLHYQSLGPMAYMALLESPKLMDFVPEYPLDYSYAMGIGTVLDTNMRNYA
 YGRSYLNQYFQLGVETARKQQGAVDNRTAEDLGMTAADKADLTATISKLSLSQLPRGRQPI SDPFAGAN
 DREMGGQANDTPVYNFNPIDTRRYDNYSDGEDRIDNDQDQAIENRNGEPGQPNNQTS DNQQRFNPPIPQ
 RTSGMSSSEEFQHSMNQYIRAMHEQYRGSQDDDANDATDGNDISLELVGDFDS

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_003443

ORF Size: 1626 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_003443.1](#), [NP_598401](#)

RefSeq ORF: 1626 bp

Locus ID: 935191

MW: 61.1 kDa