

Product datasheet for **VC101987**

hypothetical protein (NC_001458) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hypothetical protein (NC_001458) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hypothetical protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101987 represents NCBI reference of NP_040898 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCGATAGGGGCACCAATAACGACGACTGGTACATTGTGGACGAAGCCGAGTGTGCGCAGCATGATG
AGTCCGAAGTGGAGGATCTGGAAGACACCTATAATTCTCTCTTTAACAGATCTGAGTCCGACATCTCCGA
CTTGTTGGATGACACGCAGCAATCCCAGGGTAATAGCTTGGAGCTCTTCCATTTGCAAGAACACTTGCAG
AACGAACAGGACCTCAATACCTTAAGCGGAAATACCTAACAGCCACCTCAGGCATCCGCTACAGAGA
CTGCTTGAACCTCTGTCCACGCCTCGAGAGTATTACCATTAGTCAGCGGAAAAGAAGGCACGAAA
GCAGCTGTTACCCAAAATGACTCTGGGATTGAGCTGAGCTTGTGTCAGGATGAAGTTGACAACATTAAC
GAGGCTTTCAGGAACAGGTCGATATTGTCAGTCACTGGAGGGCGCTCAGGGACTGCATTGGCGTAG
ACATCTTGAAGTCTCTAATACTCGCTTCGATTGCTGGCAAAATTTAAGGACACCGTGGCGGTGTCTTT
CACCGACCTCACAGCGCCTATAAGAACAATAAACTTGTGTAGCTATTGGGTCAATCGCGTGTGGGGC
GTTACCTCCACTTCAGTTGACGTGGTGAACAGTCTTTCAAGTTCAATGCAACTACATGCAGTGGAAAC
ACTGTCTTACAGAGAAGAACAAGTTTCTGATCGTGTGGCAGGTTTCAAAGCCAGAAGACCGGGAGAGC
CGTGTGGAATCTGGTTACCAGTCTCTGAACGTCAAAGCAACTATATTGGCTGAACCCCTAAGAAT
AGGAGCATGGCTGCAGCCCTTATTGGTACCGCAGATCCATGTCTCCCGCGTCTACGTTGGGGAGAGA
TGCCAGATTGGATGGCCAGCAGACATTGCTGAATCACCAACTGGCTCAGAGAAACACTTCGAGCTCAG
CCAGATGGTTCAGTGGGCGTACGACAACGGCTACACCGACGAGTCTGATATTGCATATTATTATGCGATC
CTCGCTGAGGAGGATGAGAATGCCAAAGCCTTTCTCGCTTCCAATGCCAGGCCAAATACGTCAAAGACT
CGGCTAGGATGGTCTCTCACTACAAACGAGCCGAGATGTCCAGCATGTCCATGAGTGCATGGATTATAA
AAGACTGGAAGAAGTTGAGAATGGCGGCGACTGGAAGCATATCGTTAAATTCCTGAGGTTCCAGGAGGTG
GAGTTTATCAGTTTTATGATTGCTTTTAAAGAACTGTTGAGTGGGAAACCAAAGAAGAAGTGTGGTGA
TCTACGGACCGCCAATACCGTAAAGTCAATGTTTTGTATGAGCCTCCTCCGCGTGTGAAGGGCAAAGT
CATCTCATACGTGAATAGCAAATCCCAGTTTTGGCTGCAGCCCTCGCGAGCACAAAAATGCTCTGCTG
GACGATGCCACAAAGCCCGCTGGGACTATATAGATCTCTTCTCCGGAATGCCCTGGATGGAAACCCCA
TCTGCGTCGACCTTAAGCACAAAGCCCTCAGCAGATTAAGTGTCTCCCTGATGATCACTTCCAACAT
CAACGTCAAAGCCGACGTGTGTTGGATGTATCTGCACAGCAGAATTACGTGTTTCGAGTTAAACAGCCT
TTCCCTTTCGACGAAAATGGGCAGCCAGATTTAGCCTGACCGATTAATACTGAAAAGCTTCTTCGAGA
GGTTTTGGTCTCAACTCGATCTTAGTGACCAGGAGGATGAGGAGTCAGACGGGAAACCTCAACAGCCGCT
GAGGCTGGCCACCAGAGCAGCCAGCAATAGCATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101987 representing NP_040898

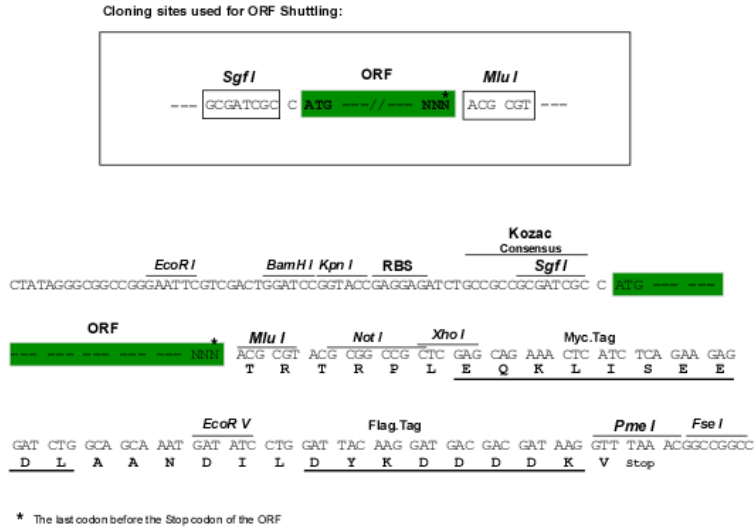
Red=Cloning sites Green=Tags

MTDRGTNDDWYIVDEAECRDDDESELEDLEDYNSLFNRSESDISDLLDDTQQSQGNSLELFLHQLQEHQ
NEQDLNLTLLKRYLNSPPQASATETACNSLSPRLESITISQREKKARKQLFTQNDSGIELSLCQDEVDNIN
EALQEVDIVQSLGGGVRDCIGVDILKCSNTRSALLAKFKDVTGVSFTDLTRAYKNKTCSSYWWIAVWG
VTSTSDVVKTQVQVQCNMVEHCLTEKNKFLIVLAGFKAQKSRETVLNLVTSSLNVQSNYIIMAEPPKN
RSMAAALWYRRSMSPAVYTWGEMPDWMAQOTLLNHQLASEKHFEQSOMVQWAYDNGYTTDESDIAYYYAI
LAEEDENAKAFLASNAQAKYVKDCARMVSHYKRAEMSSMSMSAWIYKRLEEVENGDWKHIKFLRFQEV
EFISFMIAFKELLSGPKKNCLVIYGPNTGKSMFCMSLLRVLKGVISYVNSKQFWLQPLASTKIAL
DDATKPAWDYIDLFLRNALDGNPICVDLKHKAPQQIKCPPLMITSNINVKADVCMWYLSRITCFEFKQP
FPFDENGQPAFSLTDINWKSFFERFWSQLDLSQDEESDGKPPQPLRLATRAASNSI

TRTRRLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001458

ORF Size: 1854 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_001458.1](#), [NP_040898](#)

RefSeq ORF: 1854 bp

Locus ID: 1494574

MW: 70.7 kDa