

## Product datasheet for **VC101080**

### hypothetical protein (NC\_009334) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	hypothetical protein (NC_009334) 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 VC101080 represents NCBI reference of YP\_001129504 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGAAGCTTATCCTGGGGCGCCACGCTGCTCTGGCATCCCGGGCTCTAGCTTTTCGGAACCTCTC  
 TGAGACGCCTCCGCCCCACAGAAAAACCAGATACATCTTTTATGCGAGGTGTGTGGAAGTACGAAATCTT  
 TCCCTCTACGTAAGAGTACCAATAAGCAGGTGCTGCAACTGGACGCCAGTGTGAGGAGTTGCCACCA  
 TGCCCTAGCGTTGGCCAGATCCTCTCCTTCAAACCTCCAAAGCTTTAGCTTCAATACCACCACGTACGGGT  
 CCAGGTACTTTACGGTTGCTTCTCTGTTTTTGGGGCCGAGGATAACGAAGTGTCTGAAGCCGTTTTT  
 CGTCATGCACTCCGATCAGGACATTGTTCTGTCCGTGCTCAACCCAGGTCTCTCTTTATCGAGAAAGGT  
 AAGTTTACTTGGTATATAGTGCCAATTCGATTGGTGAAAAATCCCTATCTGTACCTGCAGATACTGCCTG  
 GCCAGTCCGATATCAATTGACAAGAAGCTGCACCCAAAGTGGAGACAAGCTGAACACTTCTGAACCCCA  
 GATCTTTTTGTCTGGATCCCGAGTACTAGCCAGGACGAATGCCTGCCATATCTGCTGGCCGAGCAGCACT  
 CCACCCTTTTGAAGTCCTACGCTAGGATCCACACCTTCCCTGGGAAAGTTTGTCCGGTGAATGCTATCA  
 GACGCGGAAAAGGGTACGTGAGAGTGTCCGTGACACCCAGATCTGAAACGGGAGGGGCCACTTAATGT  
 GAAGGTAGGCATGACCCTCCTGGACGACGTGATCATCGCTTTCGATATAACCCATATCCTAAGAGCCAC  
 TGGAGATGGGACGGGGAATCTACCGATATACGATATTTTGGCAGCCCTGTTATTATTCCACCTAACTTCA  
 TAACAGAAATGGAGTATAATAACCTACGAGGCTCCTCTGTCTCAAAAATTACAGCGTTGTGCGTGAG  
 CCACTCCAGCAACCCTGTCTTTTACGCTACCCACAAGAATGAAACCCGGTCCAGACCTCAAACCTGACA  
 GTCAGAAATATCTAATAATCCATCACAATAGTCACCGCCAGAGTATGGCGCAGGCCCTTTTTCATCT  
 ACGCAGGTGACCCAAGCATCAGTACCATCATGCGACGCTACATCCAGCGCCAGGGCTGTGCGTTGACATT  
 GCCAGGCAATATCGTAGTTGAGAGTAGCAGCCTGCCACTTTCGAGAGAATCAACAGACGTTCAATGGC  
 AACATTGTCGCTCTGAAGGAACACTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101080 representing YP\_001129504  
 Red=Cloning sites Green=Tags

MAEAYPGGAHAALASRRSSFRNSLRRLRPTEKPDTSFMRGVWKYEIFPSYVRVTNKQVLQLDAQCELPP  
 CPSVGQILSFKLPSFSFNNTTYGSRYFTVAFLFFGAEDNEVFLKPFVVMHSDQDIVLSVLNPRSLFIEKG  
 KFTWYIVPIRLVKNPYLYLQILPGQSDIQLTRSCTQSGDKLNTSEPIFLSGSPVTSQDECLPYLLAQHT  
 PPFLKSYARIHTFPGKVPVNAIRRGKGYVRVSDTPDLKREGPLNVKVGMTLLDDVIIAFRYNPYPKSH  
 WRWDGESTDIRYFGSPVIIPPNFITELEYNNTYEAPLSSKITAVVVSHSSNPVFVYYPQEWKPGQTLKLT  
 VRNISNNPITIVTGQSMQAFFIYAGDPSISTIMRRYIQRQGCALTLPGNIVVSSSLPTFERINKTFNG  
 NIVASEGTL

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

## Cloning Scheme:



ACCN: NC\_009334

ORF Size: 1287 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\\_009334.1](#), [YP\\_001129504](#)

RefSeq ORF: 1287 bp

Locus ID: 5176211

MW: 48.4 kDa