

Product datasheet for **VC101846**

E1 (NC_012213) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1 (NC_012213) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101846 represents NCBI reference of YP_002647035 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGCTGGCCACGCACTAAGGAGTCTGAGGGCCTTTCCAACAGCTGCGTCGAAACTCTTACCCTCTGTG
TGCTTCCAGTGCCAGCAATGAGAATGAGATGGAGGACAAGGATACAAAGGGTACGTCCTTCTGTATCGA
TAACACTACCGAAGCCATTTCAGTTCATCGAAACCGAAGCAGAATGCGACGAATGTCTTGATAGTCTGGAG
GCACTGTTTCGAGGAATCAGACGGGACTGATGTGTCCGACCTCATCAACAATATCGACGAGCCCGACGAGG
GAAACCCACAGCCCTCTGAACAGGCAGCAGCTGGAGGAGGATTCACAACCTGCTGAGCGTGTGAAGAG
GAAATATACCTCCCCCTCCCCAAGCAGCAGGTGCTCGACCTTTCCCCAGGCTGGAGTCACTCTGTGTG
TCCCCAAGGGCACCTCTTCAAAGCGAAGGCTTTTGAAGGTTTCAGGGCTTGGGCACGAAGCAGAGGACT
CTAACGAAAGAGTGGAGAAGGTCGCGTCCAGGCCGCACAGCCTAGCAACGAAACGAACGGCGAGCAGGA
ACAGCAAAGTGTTTCAGCCACACAGAATGGCGACACCCAGTGCCTTGATATTCTTCACTCAAAACAACCGG
TTGGCCACCGCCCTGACAAAATTCAAGAATACCTTTGGAGTGGGATACAAGGAACCTACCAGGCCCTTCA
AATCAAAACAAGACTTGCTGCCACTCTTGGGTGGCTGTGATCTATGGGGTGCAGCGGAAATGCTCGAGGC
TAGCAAGACTCTGTTGAAGCCCCATTGTGACTTCTTCAAATCCTGAACCCGAGCATGGGAACAGGAGTG
ACCGTGTGATCTGTTTGAATTTGCCAGCTCAAAGTGTAGGGACACCGTCACAAGGTTGCTCTGTAAATA
TCTTCAACGTTGAAGAGTACCAATCCTCGCAGATCCACCTAGACACAAAAGCGTCGCCGTGCCCTGTT
TTTTTACAGGCACTCACTGTCCAACATAAGCTTACCAGAGGTGCATGCCAGATTGGCTCAAGAAGCAA
ACTATGCTGAATCATCAGCAGGAAGCGGACACGTTTGAAGTGGCACCAATGGTCCAATGGGCTACGACA
ATAACATCTGGGAGGAAGCCGAGCTGGCCTATCAGTATGCGTGTGCTTGGCAGACGTCGAACCTAACGCAGC
TGCTTGGCTGAAGTCCAATAACCAAGTACAAGTATGTGTCCGATTGTGCAAAAATGGTAAAGATGTATAAG
CGGTACGAGATGAGACAGATGAGTATAGGCCAGTGGATCAAGAAGTGCAGCAGACGGTTCGATGGCGAGG
GAGATTGGAAAAAAGTCAATCTCCTGAAGTACCAGGACGCTCAATCATTCCATTCTGACCAGCCT
GAGGCTGTTCTTGAAGGCGAGCCGAAAAAGAACTGCATCGTGTGCTGGGGTCTCCTGACACCGGGAAA
TCCATGTTCTGCTACTCCTTGATTCGGTATCTTCAAGGGAAGGTGGTCTCATATGCCAACTCTAAAAGTC
AGTTCTGGCTCCAGCCTTACGGAGGCCAAAATTTGGTCTGATCGATGACGCAACGTTTCCATGTTTCCA
GTTTCATGGATGTATACATGAGGTCGGACTCGATGGGAACGAAGTCTCCGTTGATTGTAACATAAGACC
CCCATGCAAGTAAAGTTGCCGCCTATGTTGGTGACCAGTAAATATCAATGTTACGCAGAGACTTCCCTGA
AGTACCTGCACAGCAGACTCACCGGATACAATTTTCCCCATAAGCTCCCTGTAGACTCTAACGGAACGT
GGTGTATAAGATTACACAGCAGATTGGAATGCTTTCTCGCCTCATGGTCTCAAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101846 representing YP_002647035

Red=Cloning sites Green=Tags

MCWPRTKESEGLSNSCVETLTLCLVLPVPSNENEMEDKDTKGSFCIDNTTEAIQFIETEAECDECLDSLE
ALFEESDGTDVSDLINNIDEPEGNPHALLNRQQLLEEDSQLLSVLKRKYTSPSPKQVLDLSPRLESVCV
SPRGTSSKRRLFEGSGLGHEAEDSNERVEKVASQAAPSNETNGEQEQSVSATQNGDTQCLDILHSNNR
LATALTKFKNTFGVGYKELTRPFKSNKTCCHSWAVIYGVRAEMLEASKLLKPHCDFQILNPSMGTV
TVLILFEFASSKCRDVTVRLLCNIFNVEEYQILADPPRHKSVAVALFFYRHSLSNISFTEGVMPDWLKKQ
TMLNHQEQEADTFELAPMVQWAYDNNIWEAEALAYQYACLADVEPNAAAWLKSNNQYKYVSDCAKMKMYK
RYEMRQMSIGQWIKCGETVDGEDWKKLINLLKYQDVSIIPFLTSLRFLKGEPPKNCIWIWPPDTGK
SMFCYSLIRYLQGVVSYANSKQFWLQPLTEAKIGLIDDATFPCFQFMDVYMRSLDGNVSVDCCKHKT
PMQVKLPPMLVTSNINVHAETSLKYLHSRLTGYNFPKLPVDSNGNVVYKITHADWKCFASWSSS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_012213

ORF Size: 1878 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_012213.1, YP_002647035](#)

RefSeq ORF: 1878 bp

Locus ID: 7559098

MW: 70.8 kDa