

Product datasheet for **VC101840**

E1 (NC_008188) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1 (NC_008188) 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 VC101840 represents NCBI reference of YP_656494 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGATAAGGATACTAAAGGGACATCTGCTTTACCGACATTACCGCCAACGCTTGCGAATTTATTG
AAACTGAGGCTACCTGTGAGGACGGCCTGGACTCCCTGGAGGCTCTGTTTGGGAATCTGATGGTACTGA
TATCAGCGAGCTGATAGAGAACATTGATGAGCCTGATCGCGGCAATCCTCAAGCACTCTTGAACCGCCAG
CAGCTGGAGGAAGACAGTCAGTTGCTGACCGTTCTCAAGCGCAAGTACGTTTCCCCTTCTCCGAAACAAC
GGGTGATAGATCTGTACCTCGACTGGAAGCTCTGTGTGTCTCCGAGAGGATCCTCCTCAAACGGCG
CCTGTTCAAGACAGCGGTCTCGGACATGAGCCTGAAGATTCCAATGCCGAAGTTGAAAAAGTGGCCTCT
GAGGCTCTACCAACAGCGGGACTCTGACTAATGGCGATGAGAAGCTGTGTGTGCTACTCAGGACGGAG
ACACACGCTGCCGGACATCCTTATTCTCCAATCGCCAAGCGACGGCCTTACCAAAATCAAGAAATGT
CTTTGGGGTAGGGTACAAAGAAATTACGCGACCATTCCAATCCAACAAAAGCTGCTGCTACTCCTGGGTA
GCAGCGATCTTCGGAGTAGTGGCTGAGATGCTCGAAGCCGAAAGACCCTGTTCAAGTTTATTGCGATT
ATCTTCAGATTATCAACCAAGTATGGGCACAGGCGTCACCGTGTGCTTGTGTTGAGTTCTCCAGTAG
TAAGTGTGCGGATACAGTGCAGAAGCTTATCTCTAATGTGCTCAACGTGCAGGAACATCAGATCATTACC
GACCCCCCAGGCACCGGAGCGTGCCCGTTGCGCTGTTTTCTATAAGCAGAGCATGTCCAATACCAGCT
TTGTGCACGGAACCATGCCTGACTGGCTGAAACGGCAAACCATGCTGAACCACCAGCAAGAGGCCGACAG
CTTTGAGTTGTCTCATATGGTGCAGTGGCCTACGACAACAATATTTGGGACGAGGCAGAGCTGGCCTAT
CAGTACGCCTGTCTCGTGTGATGTGGAGCCCAACGCCCGCCGCTTAAATCTAACCAACAATACAAGT
ACGTCACTGATTGCGCCAAGATGGTGCGAATGTATAAAAAAGTATGAAATGCAGCAAATGTCCATGGCACA
GTGGATTAAGTGTGGAGAGCACATTGAGACAGACGGCGATTGGAAGAAGATCATCAACCTGTTAAG
TACCAAGAGATTTAGTATTGCCTTTCTGACCAGTTTCCGATGTTCTGAAAGGGCAGCCAAAAAAGA
ACTGCATAGCCCTGTGGGACCACCTGATACCGGAAAAAGTATGTTCTGCTATAGCCTGATCAGGTACGT
GAAAGGCAAAGTCGTTTCTACGCTAACAGCAAATCCCAATTCTGGCTGCAGCCCTTGACCGATGCTAAA
CTCGGTCTCATAGATGACGCCACTTTTCCATGTTTTCAATTTATGGACGTCTACATGCGATCTGCACTTG
ATGGGAACGAAGTTTCTGTGGACTGTAACACCCGGTACCTGTGCAAATTAAGCTGCCGCCACTGCTGGT
GACAAGTAAATTTGACATGCATAGTGGGCTCCCTGAAATACCTCAAAGCCGATTACCAGCTTTAAG
TTCCACACAAAATCCCCTGGATACTAACGGGAATCCCATCTTATTATCACCGATACTGACTGGAAGT
GCTTCTTCTCAAGCTCGAACAGCAGCTTGATCTTTGCGATCCAGAAGATAGTACGAACGGAGACCCAGG
AGGAGCCTTACAGATGTTGCCCGAGGAGACAACAGGCGCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101840 representing YP_656494

Red=Cloning sites Green=Tags

MEDKDTKGTSCFTDITANACEFIETEATCEDGLDSLEALFEESDGTDISEL IENIDEPDRGNPQALLNRQ
QLEEDSQLLTVLKRKYVSPSPKQRVIDLSPRLEALCVSPRGSSSKRRLFEDSGLGHEPEDSNAEVEKVAS
EALTNSGTLTNGDENAVCATQDGDTRCLDILHSSNRQATALTKFKNVFGVGYKEITRPFQSNKSCCHSW
AAIFGVVAEMLEAAKTLFKVHCDYLQIINPSMGTGVTVLCLEFESSKCRDVTQKLISNVLNVQEHQIIT
DPPRHRSVPVALFFYKQSMSNTSFVHGTMPPDWLKRQTMNLHQEADSFELSHMVQWAYDNNIWEAEALAY
QYAACLADVEPNAAAALKSNQQYKYVSDCAKMVRMYKKYEMQQMSMAQWIKKCGEHIETDGDWKKIINLLK
YQEISVIAFLTSFRMFLKGQPKKNCIALWGPPDTGKSMFCYSLIRYVKGKVVSYANSKSFWLQPLTDAK
LGLIDDATFPCFQFMDVYMRSALDGNEVSDCKHRVPVQIKLPPLLVTSNIDMHSEASLKYLSRITSFK
FPHKPLPLDTNGNPIFIITDTDWKCFFSKLEQQLDLCDPEDSTNGDPGGAFRCCPRETTGAL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_008188

ORF Size: 1863 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_008188.1, YP_656494](#)

RefSeq ORF: 1863 bp

Locus ID: 5177014

MW: 70.1 kDa