

Product datasheet for **VC101798**

E1 (NC_014185) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | E1 (NC_014185) 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 VC101798 represents NCBI reference of YP_003668027 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGACAACAAGCCTGGAACATAAATGCTGAGTCTTTGCCGGCTGCTCTGACTGGTATATCGTGC
GCGAGGCTGAGTGAACGATAGTTTGGATACCCCTAACGACCTGGAGGAGCTTTTGGACAACAGCACAGG
CTCCGATATTTCTAATCTGATCGATGATTTTGTGAAGTGGATCAAGGAAATCTTTGGCTCTGTTAAAC
GAGCAATGCACAGAGGATTGCAACAAAGCTATTGCCGAAGTGAAGAGGAAATACGCGACCCCAAGCCCA
AAAAGTCATGCGCGGATATAGACCTCTCCCCCGCCTGCAGACGGTCTCTGAGCTCTCAAAAAATTC
CAAGCGCCGGCTGTTGAAAACCCGGCAGCGCTGAGAACGAGGCTGAAGATTCCATTGAGGAGCAGGTA
GAGACTGGAACGGAGAATAATAATGGGGCGGGGACAATGGAGGCGACGCTATCGTGCAACTGCTTTCCA
AAAGTAACTCAAAGGCAATCTCTGGCGAAGTTAAGAGTGTATTTGGAGTGAGTTACAATGAGCTGAC
TAGGCCTTTCAAATCAAACAAAACCTATGTGTGATATTTGGGTTGTCATCGTGATGGCGCCAACGATGAT
ATGCTGGAGGCATCCAAGCAGATTCTGGAGCAGCAGTGTACTTATATTTGCAGAAGAAGCTACGAGATTA
TCTGCCTTTACCTCGTGGAGTTTAAAGACCGGAAAATGTCGCGACACTGTTACCAAAGTCTGTTCTAT
TCTGACCGTTAATGACATCCAAATATGTGCGATCCTCCAAAACACCGGTCCGTCGCCACAGCATTGTAC
TTCTATAAGTGCACAACCTGGAACGCTACTTATACGAAGGATAAATGCCCGAGTGGATAACAAAGCAGC
TCATGGTGGAGCATCAGTCTGCAACTGCATCTGAATCATTTGATTTCAAGTGGTGCAGTGGGCCTA
TGATCACGATTTACCGAAGAGCCTGCCATAGCCTACGAGTACGCTTGTGGCACAACCTAATGCCAAT
GCCGCTGCCTGGCTCAACCACAATAACCGAGTTAAGTTTGTGAGGGACTGCGCCTACATGTGCAAGCTCT
ATAAGCGACAGGAAATGAAAGAAATGACGATGAGTAATTGGATTTGGAAGTGTGTAGAAAACATGACGG
GGAAGGTGACTGGAAGGTGATCCCGCAGTTCTTGAATACCAGCAGGTGAATTTTCATCGCATTTCTGAGT
GCTTTGAAACCATTCTCAAAGGCATCCCCAAGAAGAACTGTATACTCTTTTGGCAAGCCGAATACTG
GCAAGAGCTACTTCGTTTACAGTCTTATTCGGTTCCTCGAGGGTAAAGTGGTGAATACGAAATCTCA
TTCTCATTTTGGATAACAACCTGATTGATAGTAAAATGGATTGATTGACGACGTACCTACGCATGT
TGGAGCTTCATTGATGTCCACATGAGGACCGCCTGGATGGCAATCCTATCAGCATCGATTCAAACACA
AGGCCCTCAACAGATGAGATTGCCCGCTGTTGGTACCAGCAACATTGATCTCCACAAGAGCAGTC
CTTGGTCTACTTGCCTCTCGCGTCGTGGCTTTTGAATCACCAAGAAATGCCTTTGATGACAATGGA
GACCCTGTCTACAAGATTACCGATGTGTCTTGGAAATTTCTTTATAAAGCTGGCCAGACAACCTGGAAC
TGAGCCCTGAAGAGGAGCAGGACGGTGAAGCCGACGGGCATTGCGATGCTGCGCTCGGAGCTCCATCGA
TAGCATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101798 representing YP_003668027

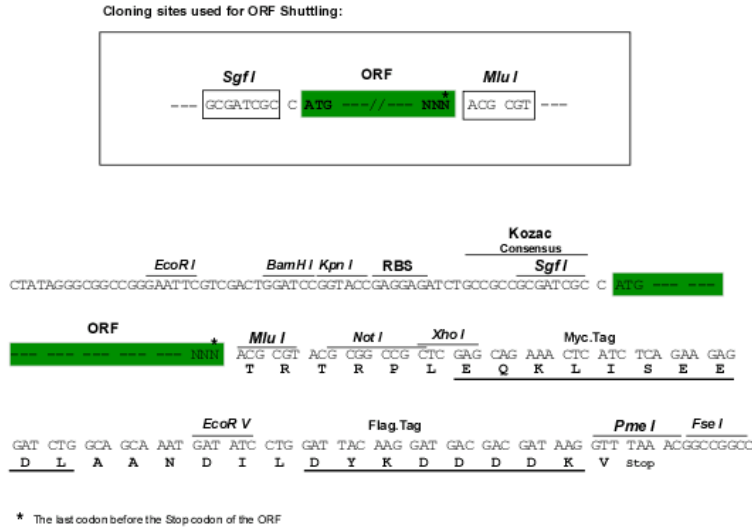
Red=Cloning sites Green=Tags

MGDNKPGTNNAESLAGCSDWYIVREAECNDSLDTLNDLEELFDNSTGSDISNLIDDFDEVQGNLALFN
EQCTEDCNKAI AELKRKYATPSPKKSCADIDLSPRLQTVSLSSQKNSKRRLFENSGSAENEAEDSIEEQV
ETGTENNNAGDNGGDAIVQLLSKSNKAILLAKFKSVFVSYNELTRPFKSNKTMCDIWWVIVYGANDD
MLEASKQILEQQCTYILQKNYEIICLYLVEFKTGKCRDVTKLFCISILTVNDIQIMCDPPKHSVATALY
FYKCTTGNATYTKGIMPEWITKQLMVEHQSATASESDFDFSEMVMQWAYDHDFTTEEPAIAYEYALLAQTNAN
AAAWLNHNQVKFVRDCAYMKLYKRQEMKEMTMSNWIWKCCRKHGEGDWKVIPQFLKYQQVNFIAFLS
ALKPFLKGI PKKNCILFFGKPN TGKSYFYSLIRFLEKVVSYMNSHSHFWIQPLIDSKIGLIDDVTYAC
WSFIDVHMRTGLDGNPISIDSKHKAPQQMRLPPLLVTSNIDLHKEQSLVYLHSRVVAFEFTKEMPFDDNG
DPVYKITDVSWKYFFIKLARQLELSPEEEQDGEAERALRCCARSSIDSI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_014185

ORF Size: 1827 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_014185.1, YP_003668027](#)

RefSeq ORF: 1827 bp

Locus ID: 9231100

MW: 69.3 kDa