

Product datasheet for **VC102023**

E1 (NC_004104) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1 (NC_004104) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC102023 represents NCBI reference of NP_671505 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGACGGAGAGGGAACCAATAATGGTGATGATAGCGAAGAGGGCAGATCAGCCTGCGGGTGGTTCT
GGTTCGAGGCTACTGTAGACCGGACAACAGGCCAGCAGATATCCAGTGATGAGGACGAGGAGGACGGGGA
CAGCGGCCAGGACATGGTGGATTCATCGACAACCTCGCCACCCGGGCGACGGTCAGGAAGTGGCCCTG
GAACTGTACCGCCAGCAAGAGGGCGCAGGACGATGAGGCTTTTGTCCAAGCCTTGAAGCGAAATATTTGG
CTTCTCCCCTTGACGCTGGCGTTCGCTTGACAAAGACCTGAGCCCTAGACTGGATGCGATCACTCTTGG
ACGGTCCAGCCAGAAGGCCAAGAGGAGGTTGTTTGAATTGCAAGATTGAGGATACGGCAACACACAGGTA
GATATCGACGCAACGGAAGACCAGGTCGTGGGAGAATCCCAGGGGGTGTGGCACAGGAGGAGTGCAGG
AGACAGAGGAGGAAGAACGACAAGGAGGGGACGGAGCTCCCGGAGCAGTGACCGCTCCCGCCAGTCCGG
CACGGACGCAATCCTGTCACTTTTGAAGACCTCTAACCTGAGGGCAACTCTTTTGGGCAAATTCAGAGT
ATTTATGGCCTGTCTTTATGGAGCTGGCTAGGCAAGTCAAGAGTAACAGGACCACATGCCTGGATTGGG
TAATTTGCGCCTTCGGGGTGTACTGCACAGTGGCAGAGGGCGTAAAAACTCATTACAGCAGCACTGCCA
ATACGCTCACATACAGGTCAGACCTCCAATGGGGGATGGTGGTGTGATGTTGGTGAGATACAACGT
GCCAAAAATCGGGATACCGTCGCCAAATGTATGGGCAGGTTGTTGAATATCCCTGAGCAACATATGCTGA
TCGAGCCCCCAAATAGACACCCGGCCGCGCTCTGTACTGGTACAAGGCCGATGGGTAATGCCTC
TGAAATATCGGAGAGACCCAGAGTGGATCGTCAGACAAACCGTGGTTGGACTCCCTGGAAGAGTGT
CAGTTTCAACTCAGCGTTATGGTTCAGTGGCCCTACGATCACGACATCACAGATGAATCAATCCTCGCCT
ATGAGTATGCTAAGCTGGCTGACGTCGATGGAAATGCAGCCGCCTTCCTCGCTAGTAATTGCCAAGCAAA
GTACGTCAAAGATGCCTGTACAATGTGCAGGCACTATAAGCGGGCAGAGCAGGCTCAAATGACCATGAGC
GAGTGGATAAGATTTAGGTCAGCCAAAATCTCTGAGGAGGGCGATTGGAGACCAATCGTCAGATTTTTC
GGCATCACGATATCGAATTTATTACTTTTGTGATTTCCCTCAAGAACTTTCTGAAAGGCATCCCCAAAA
ATGCTGCATAGTAATATACGGCCCGCCGACACCGGAAATCATATTTCTGTATGAGTCTGTTGCGGTTT
CTTGGAGGCGTGGTATCTCATACGAACTCACTAGTCACTTTTGGCTCCAGCCCTCTGTGACGCCA
AAATGGTCTCATCGACGACGTGACCCCTCAGTGTGGAGCTATATAGACACCTACCTGAGAAACGCCCT
GGACGGCAACCAGGTGTGCGTGGATCGAAAACATAGGCCTCTCCTGCAATTGAAGTGTCTCCACTTTTG
ATGACCACTAACCAATCCACTGGAGGAGGACCGATGGAAATCCTCAGGTCAAGACTGCAGCTTTTAA
CTTTCCCAATGCCTTCCAGTGAACCAGAAGGGTGACCCCTGTACACTGAACGATGCCAAGTGGAA
GTGTTTCTTCCAGAGACTGTGGGCAAGGCTGGACCTGCATGAACAGGACGACCAAGAAGACAACGGAGAT
ATTGGCCAACATTCAAGTGCCTCCCTGGGAGGTGGCTAGAACCCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_004104.1](#), [NP_671505](#)

RefSeq ORF: 1938 bp

Locus ID: 951487

MW: 72.6 kDa