

## Product datasheet for **VC101966**

### **E1 (NC\_001691) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	E1 (NC_001691) 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 VC101966 represents NCBI reference of NP\_043425 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGAACCAAGGGCACCGATAACAACCTCCAACGTCGAGATCATAATGAACTTTTGACAACGAAG  
CAGTGTGTGATGATTCTTTCCAGGAGCTCTTTGATGAAAGCACTGACGAGTCCACTATTAGTAATCT  
TATCGACGACTCCGAGAACGTCGTGCAGGGCAACTCTCATGCCCTTCTGAATGCCCAACTGAGTGAGGAG  
TACGATAAAGACCTGGTACAGTGAAAAGGAAGTTTTACGCCACACCAGAAAACTGGCATCAGACCTTT  
CCCCGCGACTCAGTGCCGTGCACATCACGCCGAAAGGCAGTCTAAGCGACGGCTCTTTCGCGATTACAGG  
GATTGAGGACGAGGCCGAAAATCTATCGTGCAGGTACAGGACGACAGTCAAACGTGGCAGGAAAATAAG  
AATGGTCCGATGCTGAACGTACTCAGTCTCCACAGTAATAATAGACGGCCGCTCTTCTGTGTAAT  
TCAAGGAGAAATACGGAATCCCCTTAAACGAAATAACTCGGACTTTAAAGCTAACAAATCTGTACCCA  
AAATTGGATCATTGTGGTCTTCGCTGCGCTGAAGATCTGATTGAGGCAAGCAAGACAACATATGCAGAA  
CACGTGCATACCTGCAGATGATTACTTCTGACTTTAGCGCCCTTATATCATTGCTTTAAAGCTGCCA  
AATCCCGGAGACCGTGGTCAAGTTGATTAACCTCTCCTGAACACGAAGGAGGAGCAGGTGCTTTGCGA  
TCCTCCAAAAATCAAGTCCATGGCAGCCGCTCTTACTGCTACAAGAAAGTTATTGCAGATACTTGTCTAC  
AAGTATGGCGATTTTCCAGACTGGATTGCAACCCATACTGTGATCAATCATCAGCTGGCGACTGCCGATA  
GCTTTAAATCTCAGACATGGTGCAGTGGGCTACGATAACGACATGCTTGACGAGGCAGCTATTGCTTA  
CAACTACGCTTGTATGCCAGTAAAACGAAAACGCTGCCGCTTCTCCAGACCAATTCACAGCTTAAG  
TACGTGAAAAGAATGCTGCGCTATGGTGCCTGTACAAGAAGCAAGAAATGCGAAAATATGACTATGCCAG  
AGTGGATAAAAATCCTGTTTCACAAACAATTACAATTCCGATGACTGGAAGGTCATTGTCCGCTATCTGAA  
ATATCAAAATATTAATTTCTCGAGTTTCTCCTGGCCCTGAAACTGCTCCTGAAGGGAATCCCAAGAAA  
ATGTGCCTTGTATATATGGCCCCCGATACTGGAAAATCTTATTTCTGCTATCAATTTATCCAATTCA  
TGAGAGGTAAGGTGGTGTCTTTCATGAATAAGAATAGCCACTTCTGGCTGATGCCCTGCTGGACTCCAA  
AATTGGCTTTCTGGATGACGCCACACAGTGTGCTGGATGACCTTGATACCCACATGCGCAATGCCTTT  
GATGGTAACGCGGTGTCTGTGGACGTTAAACACAAGAATCTGCAGCAGATCGTCTTGCCACCCATGCTCA  
TCACTACAAATTGTGACGTATGTAGGGATCCAACATTTATGTACCTTCGGAGCCGCTGACTGCTTCAA  
CTTCCCAATAAGCTGCCACTTTATGAGAACGGCGAGCCTAAGTTTAAAGTTCAGTATACTGTTGGACC  
TCTTTTTTTTCCAAGTCTGAAAACATCTGGATCTCCCGGAAGACGATCCGGATGGTACACCGGAACT  
CTGAGCGGACATTCTCCTGCACCACTCGGCACAGTATCGAAAGCGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101966 representing NP\_043425

Red=Cloning sites Green=Tags

MAELKGTDNNSNVEIINELFDNEAVCDDDSFQELFDESTDESTISNLIDDSENVVQGNSTALLNAQLSEE  
YDKDLVTYKRFYATPEKLASDLSPRLSAVHITPERQSKRRLFRDSGIEDEAENSIVQVQDSSNVAGNK  
NGADAELYSLHSNNRRAALLCKFKEKYGIPFNEITRTFKSNKSTQNWIIVVFAEAEDLIEASKTTMQN  
HVSYLQMITSDFSALYIICFKAAKSRETVVKLINSLNLTKEEQVLCDDPKIKSMAAALYCYKKVIADTCY  
KYGDFPDWIATHVINHQLATADSFKFSMDVQWAYDNDMLDEAAIAYNYACYASENENAAFLQTNSQLK  
YVKECCAMVRLYKKQEMRNMTMPEWIKSCFTNNYNSDDWKVIVRYLKYQINFLFLLALKLLKLGIPKK  
MCLVIYGPDDTGKSYFCYQFIQFMRGKVVFSFMKNSHFWLMPLLDKIGFLDDATQCCWMYLDTHMRNAF  
DGNVAVSDVKHKNLQIQIVLPPMLITTNCDVCRDPTFMYLRSRLTCFNFPNKLPLYENGEPKFKFTDNCWT  
SFFSKFWKHLDLPEDDPDGDTGNSERTFSCTTRHSIESD

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

