

Product datasheet for **VC101784**

E1 (NC_012486) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1 (NC_012486) 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 VC101784 represents NCBI reference of YP_002756547 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGAGCTTCCGAAGGGAACCGATGATTCAATCGAGAATGTTGAAACAGACTCTTCTGGTTCTGTGG
 TCACCGAAGCCGAATGTATAAACGACCTCGATAGTTTCGAGAACCTGTTTGGAGAAAGTACAGATGGAAG
 TCAGGTTAGTGATCTGATCGATGATGTCGACGACGCTCACAAAGGAAACAGCTTGGCCTTTTTCAACTCT
 CAGCTCGCCGAGGACTGTATAAAGCCATCACTGACCTTAAGCGAAAATATTTGACTAGTCCCCAGCAGT
 GTGTGGCGGAGCTCTCCCCCGGCTGGAGGCGGTCAAGATCACCGGAGAGGGCAAAGTAAAGAGGCGGT
 GTTTCAAGACTCCGGCATTGAAGAGGATGAAATAGCATCCACCAGCCAGGTGTTGTCGAGACGAATAAT
 AGCATTCCAGCCGATACCGACGAAACCCCTCGACCTCCTGAAGTGAATAACAGGAAGGCAACCTTTCTTT
 CAAAATTTAAAGAGGTATTCGCAGTGAGTTTCAATGAGCTGACTGGACTGTATAAAAACGATAAGACATG
 TTCCATTTGCTGGGTTGTAGCTGTATGTAAACGCTAAGGAGGACTTGTGAACAGTAGCAAGACCCTGCTG
 CAAACCCACGTGGACTTCGTGCAGATCATTACCGTCGGACTCTATGCACTCATGTGATTGAATCAAAA
 CGGGTAAAAGCCGAGAGACGGTAACCAATATGCTTTGTAAGCTGCTGAATATTAAGGACTATGAAGTGAT
 GTGCCAACACCACGACTGAGAAGCGTGGCCGTCGCACTGATTTTTACAAGAGGTCCCTGTCAAACGTT
 AGTTTCAAGCACGGTGAATTCGCCGAGTGGCTCGCCAAACAGATCCTGCTGGACCACAATGTCCGGAAGTC
 AGGAAAGTTTTAGTCTCTCCGACATGGTGCAGTGGGCTTTGACCATGAATACCTGGACGAATCTGAGAT
 TGCTACAACACGCCCCTGGCAGCCACAGAAAACGCAAATGCTGCTGCCTTTCTCCAGTCTAACAAATCAG
 GCTAAGCACGTAAGGACTGTGCCATAATGGTGAAGCATTACAAGAGATATGAGATGCCACAGATGACAA
 TGGCCGATGGATCAACAATGTTGCCTGGAGTACGACGACACCGTGGACTGGAAGCCCATCGCCCACTT
 TTTGAAGTATCAGGGCATTAACTTCTGGAATTCCTTATAGCATTAAAGCCTTTCTGAAGGCGATTCCC
 AAGAAAAATTGCATGGTCTTCTGGGGCCTCCTGATTCCGGTAAAAGTATGTTTTGTTTTAGCTTGTGA
 AGTTCTTTAAGGGTAAGGTACATCAGTTACATGAACTCTCAGTCTCACTTCTGGTTGATGCCTTTGTCAGA
 TTGCAAGCTTGGACTTCTGGATGACGCTACGTACCCATGTTGGCAATACATGGATGCCATCTGCGGAAC
 GCAATGGATGGCAACGCTATGTCAATAGATCTGAAACACAGGGCTCCCGTGCAGCTCAACCTGCCCCCTT
 TGCTTGTGACCACAAACACAGACGTGCTGAATGAACAGAGTCTGAAGTATCTGCACTCACGAATTAGATG
 TTTTAATTTCCACACAAGGTACCGATTCTGGAGACCGGGGAGATCGCCTATAATAACAACATCAAT
 TGGGCCTGCTTTTTTCGGAAGTTCGCGAACCCCTCGAATTGCGGGAGGAGGATGGAGGCGATACCGGAA
 ATATTAACACAACCTTCAATGTACAACACGCAGAACTTTGAGCACTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101784 representing YP_002756547
 Red=Cloning sites Green=Tags

MAELPKGTDDSIENVETDSSWFVVEAEICNDLDSFENLFEESTDGSQVSDLIDDVDDASQGNLAFNNS
 QLAEDCNKAITDLKRKYLTSPPQCVAELESPRLEAVKITGEGKSKRRLFDQSGIEEDEIASTSQVLSETNN
 SIPADTDETLDLLKCNNRKATFLSKFKEVFAVSNELTGLYKNDKTCISICWVAVCNAKEDLLNSSKTL
 QTHVDFVQIITVGLYALMLIEFKTGKSRETVTNMLCKLLNIKDYEVMCQPPRLRSVAVALYFYKRSLSNV
 SFKHGEFPEWLAKQILLDHNVGSQESFSLSDMVQWAFDHEYLDESEIAYNYLAATENANAAFLQSNQ
 AKHVKDCAIMVKHYKRYEMRQMTMAAWINKCCLLEYDDTVDWKPIAHFLKYQGINFLEFLIAFKPFLKGI
 P KKNCMVFWGPPDSGKSMFCFSLKFFKGVISYMNSQSHFWLMPDCKLGLLDDATYPCWQYMDVHLRN
 AMDGNAMSIDLKHRAPVQLNLPPLLVTTNTDVLNEQSLKYLHSRIRCFNFPKVPILETGEIAYNITNIN
 WACFFRKFAHLELREEDGGDTGNINTTFQCTTRRNFEHY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

