

## Product datasheet for **VC100370**

### **E1B (NC\_001405) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	E1B (NC_001405) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1B
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 VC100370 represents NCBI reference of NP\_040511 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAAAGGCGCAATCCTTCTGAGAGGGGAGTGCCCGCCGGTTTCTCAGGGCATGCATCCGTGGAGTCCG  
 GGGGGGAGACACAAGAATCACCTGCAACAGTGGTGTCCGGCCCCCTGGCAATAATACAGACGGGGCGC  
 CACTGCAGGAGGCTCCCAAGCTGCAGCTGCTGCCGGTGTGAACCGATGGAGCCCAGGAGCCAGGCGAGG  
 CCTTCAGGTATGAACGTGGTGCAGGTGGCTGAACCTGTTCCAGAAGTGCAGCGGATCCTTACCATTAACG  
 AGGATGGCAAGGTCTCAAGGGAGTCAAGGGAAACGAGGAGCCAGCGAAGCGACCGAGGAAGCAAGGAA  
 CCTCACATTTTCTGATGACCAGACACAGGCCGGAGTGTGAACATTCCAGCAGATAAAAGACAATTGC  
 GCCAATGAGCTGGACCTCTCGCCAGAAGTACAGTATAGAGCAGCTCACCACATACTGGCTGCAGCCAG  
 GCGACGATTTTCGAGGAGGCCATAAAGAGTCTACGCCAAGGTGGCCCTGAGACCTGATTGTAATACAAAAT  
 TTCCAAGCTGGTCAACATCCGAAACTGTTGCTATATCAGTGGGAATGGCGCTGAGGTGGAGATCGATACA  
 GAGGACCGAGTGGCCTTTCGATGTAGTATGATCAACATGTGGCCTGGGGTGTGGGATGGATGGTGTGG  
 TTATTATGAACGTCGATTTACTGGACCTAATTTCTCCGGGACCGTGTTCCTCGAAACACCAACCTCAT  
 TTTGCATGGGGTGTCAATTTATGGGTTTAAACAATCTTGTGTGCGAGGCCCTGGACGGATGTAAGAGTGC  
 GGATGCGCATTCTACTGCTGTTGGAAGGGCGTTGTGTGCCGACCAAAAAGTCGCGCGTCAATTAAGAAGT  
 GTCTCTTCGAACGGTGCACCCTGGGGATTCTCAGCGAAGGAACTCCCGCGTGCACATAACGTGGCATC  
 CGATTGCGGTTGCTTTATGCTGGTCAAAAGTGTGCGCGTGATTAACACAACATGGTCTGTGGCAATTGT  
 GAGGATCGCGCTTCCAAATGCTCACATGCTGATGAAATTTGCATCTGCTGAAGACAATCCACGTGCG  
 CTAGCCACTCTCGCAAGGCCTGGCCGCTTCGAGCATAAACATCCTCACACGGTGTAGCCTCCACCTGGG  
 CAACAGACGAGGTGCTTCTGCCATACCAATGTAATCTCTCCACACCAAGATACTGCTGGAACCTGAA  
 TCCATGTCAAAAGTGAATCTGAACGGCGTGTGGATATGACGATGAAAATATGGAAGTCTCCGATATG  
 ATGAGACTCGGACTAGATGCCGGCCTTGCAGTGTGGTGGTAAGCATATCCGCAACCAGCCGTAATGCT  
 TGACGTGACCGAAGAAGTGCGCCCGACCACTGGTACTCGCATGCACCAGAGCGGAATTTGGTTCTTCC  
 GATGAAGACCCGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC100370 representing NP\_040511  
 Red=Cloning sites Green=Tags

MERRNPSEKRVPAAGFSGHASVESGGETQESPATVVFRRPPGNNTDGGATAGGSQAAAAAGAEPMEPESRPG  
 PSGMNVVQVAELFPELRRILTINEDGQGLKGVKREKRGASEATEEARNLTFSLMTRHRPECVTFQQIKDNC  
 ANELDLLAQKYSIEQLTTYWLQPGDDFEEAIRVYAKVALRPDCKYKISKLVNIRNCCYISNGAEVEIDT  
 EDRAVAFRCMIMNMPGVLGMDGVVIMNVRFTGPNFSGTVFLANTNLILHGVSFYGFNNTCEAWTDVVRV  
 GCAFYCCWKGVVCRPKSRASIKKCLFERCTLGILSEGNSRVRHNVASDCGCFMLVKSVAVIKHMVMCGNC  
 EDRASQMLTCSNGNCHLLKTIHVASHSRKAWPVFEHNILTRCSLHLGNRRGVFLPYQCNSHTKILLEPE  
 SMSKVNLNGVFDMTMKIWKVLRVDETRTRCRPCECGGKHIRNQPVMLDVTEELRPDHLVLACTRAEFSS  
 DEDTD

**TRTRRLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NC\_001405

**ORF Size:** 1485 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\\_001405.1, NP\\_040511](#)

**RefSeq ORF:** 1485 bp

**Locus ID:** 2652981

**MW:** 54.9 kDa