

Product datasheet for **VC100426**

E1B (NC_010956) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1B (NC_010956) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC100426 represents NCBI reference of YP_001974446 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGAGGCCGGACATCCGACTGAGCAGGGCCTGCATCCTGGCCTGCGGAGCCACGCCCCAGTCGAGGGAC
TCGATCAGGCAGCCGGCACAGAAAATCTCGAGCTGCTTGCATCCACTGCCAGTTC AAGTGAAGCTCTAG
TAGTACTCAGACTAACATTACAGTCGGAGGACGAAACGAAGCCGGACACGGCCGGGAGCCAGAAGAGCGC
CCCGGACCTTCTGTGGGAAGAGGGGCCGGTCTGAATCAGGTGTCATCTCTGTACCCAGAATTGTCTAAGG
TTCTCACGAGCATGGCCCGGGCGTGAAGAGAGAGAGGAGTGACGGGGGCAACACTGGGATGATGACAGA
GTTGACTGCTAGCCTGATGAACCGAAGAGGCCGAGAGATTGACCTGGTACGAGTTCAGCAAGAGTGC
CGAGACGAGCTCGGCTTGTGCAAGATAAGTATGGTCTCGAGCAGATCAAGACACACTGGCTGAATCCAG
ACGAGGACTGGGAGGAGCCATTAAGAAAATATGCAAAAATAGCCCTGCGCCCTGACTGCAAGTATATCGT
GACCAAGACCGTAAATATCAGGCACGCATGCTATATTTCTGGTAATGGAGCAGAGGTGGTTATCGACACA
TTGGACAAAGCAGCGTTCAGATGCTGCATGATGGGGATGAGAGCAGGAGTGCATGAATATGAATAGCATGA
TCTTATGAACATGAAGTTAATGGTGAGAAAATTAACGGAGTGCCTGTTTCATGGCAAACCTCATATGAC
CCTGCACGGGTGCTCCTTTTTGGCTTCAACAACATGTGCGCTGAGGTCTGGGGGCATCCAAGATTAGG
GGCTGCAAATTCACGGATGTTGGATGGGTGTGGTCCGACGGCCGAAAAGTGAGATGTCAGTCAAGCAGT
GCGTGTTCGAAAATGCTATCTGGGAGTGTCAACGGAGGGTAATGCGAGGGTCCGACACTGCTCCTCTTT
GGAGACCGGATGTTTTGTTGGTGAAGGGGACAGCCAGCCTGAAGCATAATATGGTGAAGGGGTGTACA
GACGAGCCGATGTACAATATGCTTACCTGCGACTCCGGCGTCTGCATATATTGAAGAACATTCATGTTA
CATCCCACCCAAGGAAGAAGTGGCCGGTCTTTGAGAATAACCTGCTGATAAAAATGTCACATGCACCTGGG
TGCACGACGGGTACATTTACGCCATACCAATGCAACTTCTCTCAGACTAAACTTTTGTGGAGAATGAT
GCATTTAGTAGGGTTAATCTCAATGGGATCTTCGACATGGATGTTTCCGTGTACAAAATCTGCGCTATG
ACGAGACCAAGAGTCGCGTTTCGGGCTTGTGAATGCGGAGGACGCCATACCAGAATGCAGCCAGTCGCCCT
GGACGTTACAGAGGAAGTGCGCCCTGACCATCTCGTTATGGCATGTACCGGCACCGAGTTCAGCAGCAGT
GGCGAGGACACCGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100426 representing YP_001974446

Red=Cloning sites Green=Tags

MEPGHPTEQGLHPGLRSHAPVEGLDQAAGTENLELLASTASSSGSSSTQTNIHVGRNEAGHGREPEER
PGPSVGRGAGLNQVSSLYPELSKVLTSMARGVKRERSDGGNTGMMTELASLMNRKRPERLTWYELQOEC
RDELGLMQDKYGLEQIKTHWLNPDDEWEEAIKKYAKIALRPDCKYIVTKTVNIRHACYISNGAEVVIDT
LDKAAFRCCMMGMRAGVMNMNSMIFMNMKFNGEKFNGVLFMANSHMTLHGCSFFGFNMCAEVWGASKIR
GCKFYGCWMGVGRPKSEMSVKQCVFEKCYLGVSTEGNARVRHCSSETGCFCLVKGTASLKHNMVKGCT
DERMYNMLTCDSGVCHILKNIHVTSHPRKKWPFENLLIKCHMHLGARRGTFQPYQCNFSQTKLLLEND
AFSRVNLNGIFDMVSVYKILRYDETKSRVRACEGGRHTRMQPVALDVTEELRPDHLVMACTGTEFSSS
GEDTD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_010956

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_010956.1, YP_001974446](#)

RefSeq ORF: 1485 bp

Locus ID: 6386275

MW: 55.2 kDa