

Product datasheet for **VC100292**

E1B (NC_011202) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1B (NC_011202) 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 VC100292 represents NCBI reference of YP_002213800 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCAGCAGATTCTTTTCAGCAGGGGATTCGGTTTGGATTCCAACACAGTATAGTCGAGAATA
 TGGAGGGATCCCAGGATGAGACAATTTGCGACTGCTGGCAAGTGCAGCATTGGCTGTAGTGGTAACCC
 AGAAGCTAGTACTGGACATGCTAGTGGCTCAGGCGGAGGAACAGCCAGAGGACAGCCTGAAAGTCGGCT
 GGACCTAGCTCCGGGGGGGAGGGTAGCTGACCTGAGCCCCGAGCTGCAGAGAGTGCTTACCGCTCAA
 CCAGCACCGGTAGAGATCGGGTGTGAAGCGGAGAGAGCTTCTCCGGGACTGACGCCCGATCAGAACT
 CGCACTGTCTGATGTCCCGCAGGAGACCGGAAACGATCTGGTGGCACGAGGTACAGAAGGAGGGACGC
 GACGAGGTGTCTGCTCCAAGAGAAATATTCCTCGAGCAGGTGAAGACCTGCTGGCTGGAGCCCGAAG
 ATGATTGGGAAGTTGCTATCAAGAATTACGCAAAAATTCCTCGGCCAGACAAACAATACAAAATCAC
 CAGGCGGATAAACATTCGCAACGCTGTTACATTCAGGTAATGGCGCCGAAGTGGTGATCGATACTCAG
 GACAAAGCCGTGATTAGGTGCTGCATGATGGACATGTGGCCAGGGGTGGTTGGCATGGAAGCAGTCACAT
 TTGTTAACGTTAAATTTTCGGGGGACGGATATAATGGAATCGTGTATGGCAAACACAAAATCATTCT
 CCATGGTTGCAGTTTTTTGGGTTTAAACAACAGTGTGTTGATGCCTGGGCGCAAGTGTCCGTACGGGGC
 TGTTCTTCTACGCATGCTGGATTGCGACCGCCGGGAGAACCAATCACAGCTCTCCCTCAAGAAATGTA
 TCTTCCAGCGTGCAATCTCGGCATCTTGAACGAGGGGGAGGCCCGCTTCGCCACTGCGCTCTACAGA
 CACGGTTGCTTATTCTATCAAGGCAATGCCAGTGTAAACACAATATGATATGCGGGGCCAGCGAT
 GAACGCCCTACCAGATGCTCACATGTGCAGGAGGCCATTGCAATATGCTTCCACCGTGCACATAGTGT
 CTCATCAGAGAAAAAAGTGGCCCGTGTTCGACCACAACGTGATGACTAAGTGCACATATGCACGCTGGCGG
 GCGGAGAGGTATGTTTCATGCCGTACCAAGTGAATATGAATCATGTAAAGGTGCTGCTGGAACCCGATGCT
 TTCAGCAGAATGTCACTCACAGGCATCTTCGATATGAATATGCAATATGGAAGATCTTGCCTATGACG
 ACACCCGCTCTCGCGTGAAGGCATGCGAATGCGGTGGGAAGCATGCCCGCTTCAACCGTTTTCGTGGA
 CGTCACAGAGGACTTGCAGCCGATCACCTGGTAATCGCTCGGACAGGCGCAGAGTTCGGATCCTCTGGG
 GAGGAGACTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100292 representing YP_002213800
 Red=Cloning sites Green=Tags

MDPADSFQQGIRFGFHSIIVENMEGSQDEDNLRLLASAAFGCSGNPEASTGHASGSGGGTARGQPESRP
 GPSSGGGVADLSPELQVRVLTGSTSTGRDRGVKREASSGTDARSELALSLMSRRRPETIWWHEVQKEGR
 DEVSVLQEKYSLEQVKTCWLEPEDDWEVAIKNYAKIALRPDKQYKITRRINIRNACYISGNAGAEVVIDTQ
 DKAIVIRCCMMDMWPGVGVMEAVTFVNVKFRGDYNGIVFMANTKILHGCSSFNFNNTCVDWAGQVSVRG
 CSFYACWIATAGRTKSQLSLKKCIFQRCNLGILNEGEARVRHCASDTDGCFILIKGNASVKHNMICGASD
 ERPYQMLTCAAGHCNMLATVHIVSHQRKKWPVFDHNVMTKCTMHAGRRGMFMPYQCNMNHVKVLLPEPA
 FSRMSLTGIFDMNQIWKILRYDDTRSRVRACECGGKHARFQPVCDVTEDLRPDHLVIARTGAEFGSSG
 EETD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_011202

ORF Size: 1482 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_011202.1, YP_002213800](#)

RefSeq ORF: 1482 bp

Locus ID: 6870499

MW: 54.6 kDa