

## Product datasheet for **VC100468**

### **E2B (NC\_003266) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	E2B (NC_003266) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC100468 represents NCBI reference of YP\_068024 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCACTTTCAATAAACGACTGCGCACGGCTCACCGGCCAGACAGTCCCACCATGAACTACTTCTTGC  
CTTTGAGGAACATTTGGAATCGCGTTCCGGGAGTTTCCGCGCGCCAGCACACAGCCGCGGAATCACGTG  
GATGAGCCGGTACATCTATGGCTATCATAGGACTATGCTGGAAGACCTGGCACCGGGCGCACAGCAACC  
GAGCGGTGGCCACTCTATCGGCAGCCCCACCCATTTCTGATAGGATATCAGTACCTGTACGCACCT  
GCAACGACTACATTTTTGATAGCCGGGCTTACTCAAGACTGAAGTACCACGAGCTGGCTCGCCCTGGGCA  
TCAGACCGTCAATTGGTCAGTCATGGCTAATTGCTCATATACTATCAATACTGGAGCTTACCATAGATTT  
GTAGACTTTGACGACTTCCAGACAACGTTGACACAGATTCAGCAGGCTATTCTGGCTGAGCGCGTGGTGG  
CTGATCTGGCTTTGGTTCAGCCACAAGAGGTTTCGGCCTGACCGGAATGCACGGCGGGCAGGAGAGGA  
AGAGGTGCCTGTAGAGCGACTCATGCAAGATTACTATAAGGATCTGGCCCGGTGTAGGACCATGCATGG  
GGCATGGCCGACAGGCTGCGGATACAGCAGGCCGCGCCCTAAGGACCTGGTGTCTTGGAACAATCCGCA  
GACTCAGGACTGCTTACTTTAATTTTATCACCAGCAGTATTGCCCGCCCATACTCCACCCCCCTGA  
GGAAACCGTTCTGAGCTTGCCTTGCATTGTGATTGGCTGGAAGCCTTTGTGAGAGGTTCTCAGATCCA  
GTGATCTGAAACTCTGAGGTCCTTGAGAGGCGTCCCGACTGGGCGATTGATCAGGTGCATCGTATCTG  
CACTGTCTTTGCCAATGGCGATCCACCAGGTCACCTGGAAATGCGCGGGGGGTCTTTACTTTGAGACC  
GCGAGAGGATGGGAGGCCGTGACTGAGACAATGCGCGAAGGAGGGGCGAAACCATCGAAAGATTATC  
GATAGGTTGCCCGTCCGAGACGAAGACGAGGCCACCCCAACCCCTCCACCCAGAGGAGGAGGTCG  
AAGAAATGCTGGTTGATGAGGAGGAGGAAGTCGAGGAATTGCCCGGAGCTTTGAAAGGGAAGTCCGCGC  
TACGATAGCAGAAGTATCAGGCTCTTGAGGAAGATCTGACAGTCAGTGCCAGAAATTCACAGTTTTTT  
AATTTGCGGTAGATTTCTACGAAGCAATGGAGAGGCTGGAAGCACTGGGGGACGTAAGTGAAGTACCCC  
TCCGGCGATGGATAATGTATTTCTCGTCACGGAACACATCGCCACCACCTCAATTATCTATCAGAG  
ATTGTGCAATTACGCGTTTTTGTCTGCCATGTCGAACTCAATCTCGCTCAGGTAGTGATGCGCGCAAGG  
GACCCTGAAGGGCGGTGGTGTACTCCAGGCTGGAATGAAGCGGGGATGAACGCCTTCAGCCAGCTGA  
TGGCCGAATCAGCAATGACCTGCAGCCACCGTAGAAAGGCTGGCAGAGGTGACCTCCAAGAGGAGGA  
GATCGAGCAATCATGACAGAAATGCCTATCAGGATAACAGTGGCGACGTCCAAGAAATCTGCGGCAG  
GCTGCTGTTAATGACACTGAGATTGATTCTGTGGAGTTGAGTTTCAGATTCAAGCTGACAGGCCCTGTGG  
CTTTCACTCAAAGAAGGCAGATTGAGGATGTTAATAGAAGAGTAGTCGCCATGCCAGCCTTCTCAGGGC  
ACAGTATCAAAACCTGCCGGCTAGAGGGCCGATGTGCCGCTCCACCGCTGCCTCTGCCCCAGAGCCA  
CCCCTCCCTCCGGGTGCAAGACCCAGGCGCCGCTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC100468 representing YP\_068024  
Red=Cloning sites Green=Tags

MALSINDCARLTGQTVPTMNYFLPLRNIWNRVREFPRASHTAAGITWMSRYIYGYHRTMLEDLAPGAPAT  
 ERWPLYRQPPPHFLIGYQYLVRTCNDYIFDSRAYSRLKYHELARPGHQTWNWSVMANCSYINTGAYHFR  
 VDFDDFQTTLTQIQAILAERVVADLALVQPQRGFGGLTRMHGRAGEEVEPVERLMQDYKDLARCQDHAW  
 GMADRLRIQQAGPKDLVLLATIRRLRTAYFNFITSSIAPAHTPPPPEETVLSLPCDCDWLEAFVQRFSDP  
 VDLETLRSLRGVPTQLIRCIVSALSLPNGDPPGHLEMRGGVFTLRPREDGRAVETMRRRRGETIERFI  
 DRLPVRRRRRPPPPPPPEEEVEEMLVDEEEVEELPGAFEREVRATIAELIRLLEEDLTVSARNSQFF  
 NFAVDVFEAMERLEALGDVSEMLRRWIMYFFVTEHIAATLNLNYQRLCNYAVFARHVELNLAQVVMRAR  
 DPEGAVVYSRVWNEAGMNAFSQLMGRISNDLAATVERAGRDLQEEEIEQFMTEIAYQDNSGDVQEILRQ  
 AAVNDTEIDSVLSFRFKLTGPVAVTQRRQIQDQVNRVVVAHASLLRAQYQNLARGADVPLPLPPGPEP  
 PLPPGARPRRRF

TRRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_003266

**ORF Size:** 1926 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\\_003266.2](#), [YP\\_068024](#)

**RefSeq ORF:** 1926 bp

**Locus ID:** 2958478

**MW:** 73.7 kDa