

Product datasheet for **VC100335**

E2B (NC_011203) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E2B (NC_011203) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E2B
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 VC100335 represents NCBI reference of YP_002213832 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCTGTCTAGTTAATGACTGTGCTCGGCTCACAGGCCAGACGGTGCCAACGATGAATTACTTTCATGC
CCCTGCGGAACATCTGGAATCGGGTCAGAGAATCCCCAGGGCCAGTACTACAGCCTCCGGGATTACTTG
GATGAGTAGGTACATTTACGGCTACCATCGCCTCATGCTGGAGGACCTGGCCCCGGAGCGCCCGCAGCC
GAGAGATGGCCTCTTTATCGCCAGCCTCCCCGCACTTTCTTATCGGTTACCACTACTTGGTTAGAACCT
GCAATGATTATATTTTTGATACCCGGGCTTACAGCCGCCTGAAGTACACTGAGCTGGTCAGACCTGGTCA
TCAGACTGTGAAGTGGTCTGTATGGCAAATTGCTCCTATACCATCAATACCGGAGCCTACCATAGGTTT
GTGGACTTCGATGATTTTCAAGCAACGCTGACCCAAGTACAACAGGCTATACTGGCTGAGAGGGTAGTTG
CCGATCTCGCACTTGTGCAGCCTATGCGCGGCTTCGGTATAACGAGGATGCACGGACGAGCGGGGGAGGA
GGAGGTGCCCGTGAACGACTCATGCAGGACTACTATAAGGACCTCGCAAGGTGTCAAGACAACGCTGG
GGTATGGCGCACCGGCTGCGGATCCAGCAGGCTGGACCGAAGGACCTGGTCTTCTCGCCACGATCAGAC
GCCTCAAGACAGCATATTTCAACTTTTACTAGCTCTATTGTGAGCCCCAGCCAGGAGGAAGAGGGAGA
GGAGCGAGAAAACCCGACAGAGCAAGTCCAGACCTAGACCCAGGAGACAGTTCTGTCCCTCCCGTGC
GACTGTGACTGGCTCGATGCCTTTGTGGAACGCTTCAGCGACCCGGTCGACCTTGAACAATCCGGAGCC
TTCGAGGAGTACCCACAGGCCAGCTTATAAAGTGTATCATATCCGCAGTAGCCTGCCAATGGCGAGCC
ACCCTCTCATCACTTCCGGGAGATGCGCGGAGGGGTGTTACCCTGCGGCTAGAGAAAACGGACGAGCT
GTTACTGAAACCATGCGACGACGGAGAGGCGAGGTTATCGAGCGATTATCGACAGGCTGCCAGTTCGCA
GGAGGCGGCGGGGTACCCCCACCCCTGCGGCTCCGCCTGAGGAGGAGGAAATGCTGGTGGAGGAAGA
AGAGATAGAGGAAGAGATACCAGGCGCTTTGAGCGGGAAGTCAGAACTACAATCGCCGAGTTGATTAGA
CTGCTTGAGGAGGAAGTACAGTGTCCGCCAGGAATTCACAGTCTTCAACTTTGCGGTAGACTTCTATG
AAGCGATGGAGAGATTGGAGGCACTGGGGGATGTGTCTGAGATGCCGTTGAGGAGGTGGATAATGTATTT
CTTTGTTACTGAACATATCGCCACCACCCTTAACTATCTCTTTCAGCGCTTGTGTAATTATGCGGTGTTT
ACAAGACACGTTGAGCTGAATTTGGCGCAGGTGGTCATGCGGGCCAGAGATCCAGTGGGCGCTGTAGTGT
ACTCCAGGGTTTGAACGAGGCGGGATGAACGCCTTCTCCAGCTGATCGGTTCGATTTCCAATGACCT
GGCTGCAACCGTGGAGCGCGCCGCGAGAGGGGATTTGCAAGAGGAGGAAATGAGCAGTTTATGGCCGAA
ATAGCTTATCAGGACAATTCAGGCGATGTGCAGGAAATCCTGCGACAAGCCGCGTGAATGACACTGAAA
TCGATTAGTGGAACTCAGCTTCAGGTTCAAATTTACAGGACCCGTCGCCTTACACAACGGAGACAAAT
ACAGGACGTGAATAGGCGAGTTGTCCGCATGCAAGCCTGCTTCGGGCACAATATCAAAATCTGCCTGCT
AGGGGCGCCGATGTCCACTCCCTGCAATGCCCCAGGACCCGAGCCACCTTCTCTCTGGAGCAAGAC
CACGGCACAGATTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100335 representing YP_002213832
Red=Cloning sites Green=Tags

MALSVNDCARLTGQTVPTMNYFMPLRNIWNRVREFPRAS TTASGITWMSRYIYGYHRLMLEDLAPGAPAT
 ERWPLYRQPPPHFLIGYQYLVRTCNDYIFDTRAYSRLKYTELVRPGHQTVNWSVMANCSY TINTGAYHFR
 VDFDDFQATLTQVQQA ILAERVVADLALVQPMRGFGITRMHGRAGEEEV PVERLMQDYKDLARCQDNNAW
 GMAHRLRIQQAGPKDLVLLATIRRLKTAYFNFITSSIVSPSQEEEGEERENPDRASSRPRPQETVLSLPC
 DCDWLDAFVERFSDPVDLETIRSLRGVPTGQLIKCIISAVSLPNGEPPSHHFREMGGVFTLRPRENGRA
 VTETMRRRRGEVIERFIDRLPVRRRRRVP PPPAAPPEEEEMLV EEEEEIEEEIPGAFEREVRTTIAELIR
 LLEELTVSARNSQFFNFVDFYEAMERLEALGDVSEMP LRRWIMYFFVTEHIATTLNLYFQRLCNYAVF
 TRHVELNLAQVVMRARDPVGAVVYSRVWNEAGMNAFSQLIGRISNDLAATVERAGRGDLQEEIEQFMAE
 IAYQDNSGDVQEILRQA AVNDTEIDSVEL SFRFKLTGPVAF TQRRQIQDVNRRVVAHASLLRAQYQNLPA
 RGADVPLPAMPPGPEPPLPPGARPRHRF

TRRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_011203

ORF Size: 1974 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_011203.1](#), [YP_002213832](#)

RefSeq ORF: 1974 bp

Locus ID: 6870517

MW: 75.7 kDa