

Product datasheet for **VC100184**

E1B 55K (AC_000018) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1B 55K (AC_000018) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1B 55K
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 VC100184 represents NCBI reference of AP_000536 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCCGCTAACTCTCCAGCAGGGGATCCGGTTTCGGTTCATAGCAGTTCCTTTGTTGAGAATA
 TGGAGGGATCCCAGGATGAAGATAACCTGAGACTGCTGGCATCCGCCGAAGTAGAAGCAGCCGAGATAC
 TGAAACTCCGACCGACCACGCTCCGGAAGCGGGTGGAGCAGCTGGTGGCCAGTCAAGTCCAGGCC
 GGACCCAGTGGCGGTGGGTAGCTGATCTTCCCTGAACTGCGCAGGGTCTGACCAGGAGCACAACAA
 GTGGACAGAATCGAGGTATCAAAGAGAGCGAAATCCCAGCGTAATAACTCACGACCGAACTGGCATT
 GTCTCTGATGTCCAGAAGCGCCCTGAAACCGTTTGGTGGCACGAAGTCCAGTCTGAGGGACGGGACGAA
 GTCTCCATCCTGCAGGAAAAATACTCCCTGGAACAACCTGAAGACATGTTGGCTGGAGCCCGAGGACGATT
 GGAAGTGGCTATCAGGAATTATGCAAAGATTTCACTTAGACCTGACAAACAGTATAGAATTACAAAGAA
 AATCAATATCAGAAACCGCTGCTATATCAGCGGAATGGAGCCGAAGTATCATCGACACTCAGGATAAG
 GCTGCATTTTCGATGCTGTATGATGGGGATGTGGCTGGAGTCTGGGGATGGAAGCCGTAACCTTGATGA
 ACATAAGATTTCCGGGTGATGGTTACAATGGCATCGTGTATGGCGAATACGAAGCTGATCTTGATGG
 CTGCTCATTCTTTGGCTCAATAACACCTGTGTGGAAGCATGGGACAGGTGTCAGTGGGGGCTGTTCC
 TTCTATGCCTGCTGGATTGCGACGTCCGGCCGCTGAAGACCAACTCTCAGTAAAAAGTGCATGTTCCG
 AACGCTGCAACCTGGGCATCCTTAATGAGGGGAAGCCAGAATCCGCCACTGTGCCGCCACAGAGACTGG
 GTGTTTTATCCTCATTAAAGGGCAACGCTCAGTTAAACATAACATGATTTGCGGCCACTCTGATGAAAGG
 CCTTATCAAATGCTCACCTGCGCGGGCGGACATTGCAACATTCTGGCAACTGTGCACATTGTGAGTCATG
 CCAGAAAAAAGTGGCCAGTGTTCGAACACAACGTGATTACAAAATGTACGATGCATATTGGGGGGAGGAG
 GGAATGTTTCATGCCATACCAGTGAACATGAACCACGTTAAGGTGATGCTTGAGCCGATGCGTCTCT
 CGAGTTAGCTGACCGGAATCTTTGATATGAATATACAGCTGTGGAAAATATTGAGGTATGACGATACGA
 AACCAAGGGTTCGGGCTTGCAGTGTGGAGGGAAGCATGCAAGGTTCCAGCCCGTGTGCGTGGACGTGAC
 CGAGGACCTGCGCCCTGACCATCTGGTCTGGCTGCACCGCGCTGAATTTGGCTCTAGCGGGGAAGAG
 ACTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100184 representing AP_000536
 Red=Cloning sites Green=Tags

MDPPNSLQQGIRFGFHSSSFVENMEGSQDEDNLRLLASAASRSDTETPTDHASGSAGGAAGGQSESRP
 GPSGGGVADLFPFLRRVLRSTTSGQNRGIKRERNPSGNSRTELALSLMSRRRPETVWWHEVQSEGRDE
 VSILQEKYSLEQLKTCWLEPEDDWEVAIRNYAKISLRPDKQYRITKKINIRNACYISGNGAEVIIDTQDK
 AAFRCMMGMWPGVVGMEAVTLMNIRFRGDYNGIVFMANTKILHGCSFFGFNNTCVEAWGQVSVRGCS
 FYACWIATSGRVKSQLSVKCKMFERCNLILNEGEARIRHCAATETGCFILIKGNASVKHNMICGHSDER
 PYQMLTACAGHCNILATVHIVSHARKKWPVFEHNVITKCTMHIGGRRGMFMPYQCNMNHVKVMLEPDAFS
 RVSLTGIFDMNIQLWKILRYDDTKPRVRACEGGKHARFQPVCDVTDLRLPDHLVLACTGAEFGSSGEE
 TD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: AC_000018

ORF Size: 1476 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: [AC_000018.1](#), [AP_000536](#)
RefSeq ORF: 1476 bp

MW: 54.8 kDa