

Product datasheet for **VC100112**

E1B 55K (AC_000008) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E1B 55K (AC_000008) 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 VC100112 represents NCBI reference of AP_000199 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGACGGAATCCATCTGAAAGGGGTGCCCTGCCGGCTTCTCTGGGCATGCGAGTGTGGAGTCCG
 GATGTGAGACTCAGGAGAGTCCCAGGACCGTGGTGTCCGACCTCCAGGCGACAACACTGACGGCGGAGC
 TGCAGCTGCAGCAGGAGGCTCCCAGGCTGCAGCAGCCGGAGCAGAGCCTATGGAACCGGAATCCC GCCCT
 GGCCCTCTGGTATGAATGTGGTGAAGTGGCAGAGCTTTACCCGGAGTTGCGCCGAATCCTGACTATAA
 CTGAGGATGGACAGGACTGAAAGGCGTTAAGCGCGAGAGGGGAGCATGTGAGGCAACAGAGGAAGCCCG
 GAACCTCGCTTTAGCCTTATGACTCGCCATAGGCCAGAGTGTATAACCTTCCAACAGATTAAGGACAAT
 TGCGCCAATGAGCTGGATCTGCTCGCCAGAAATATTCCATTGAACAACACTACTACTGGCTGCAAC
 CTGGGGACGATTTGGAAGAAGCTATACGAGTCTATGCCAAGGTAGCCCTCAGGCCGATTGCAAGTACAA
 AATAAGTAAGCTCGTGAATATCCGGAATTGTGTCTACATCAGTGGGAACGCGCAGAAAGTGAAATTGAT
 ACCGAGGATAGGGTTGCCTTTCCGGTGCAGCATGATCAATATGTGGCCGGGAGTCCTTGGGATGGATGGCG
 TTGTTATTATGAACGTGCGCTTTACAGGCCAAATTTCTCTGGGACAGTATTCTTGGCCAACACGAACCT
 GATTCTGCACGGCGTCTCATTCTACGGGTTAATAATACCTGCGTGGAAGCCTGGACCGAGTAAGGGTG
 AGAGGCTGTGCCTTTACTGCTGCTGGAAGGGCGTGTGTGTAGACCCAAGTACAGAGCCTCCATTAAGA
 AGTGCCTGTTTGAGAGGTGCACCCTGGGAATTCGTCCGAAGGCAACAGCAGAGTGGCCACAATGTGGC
 CTCAGACTGTGGCTGCTCATGCTCGTGAAGTCTGTTGCCGTGATAAAGCACAAATATGGTATGCGGCAAT
 TCGGAGGACCGCCCTCCAAATGCTTACTTGTCCGACGAAATGCCACCTCTTGAAAACAATCATG
 TTGCAAGCCATTCCCGCAAGGCCTGGCCAGTATTGAGCACAATATCTTGACCAGGTGCTCTCTCCACCT
 GGGCAACCGCCGGGAGTGTCTCCCATACCAGTGAACCTGTCCACACCAAAAATTCTGCTTGAACCC
 GAAAGCATGAGTAAAGTGAACCTCAACGGTGTGTTTATGATGACCATGAAAATATGGAAGTTCTGCGAT
 ACGACGAAACTCGGACACGCTGCCGGCCCTGTGAGTGGGAGGTAAGCACATTAGAAATCAACCTGTCAT
 GCTCGATGTACCGAAGAGCTGAGGCCAGACATTTGGTCTTGCATGTACAAGAGCCGAGTTGGGTCT
 TCTGACGAGGATACAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100112 representing AP_000199
 Red=Cloning sites Green=Tags

MERRNPSERGVPAFGSHASVESGCETQESPATVFRPPGDNTDGGAAAAAGGSQAAAAGAEPMEPESRP
 GPSGMNVVQVAELYPELRRILITEDGQGLKGVKREERGACEATEEARNLAFSLMTRHRPECITFQQIKDN
 CANELDLAQQYSIEQLTTYWLQPGDDFEEAIRVYAKVALRPDCKYKISKLVNIRNCCYISGNGAEVEID
 TEDRVAFRCSMINMWPGLGMDGVVIMNVRFSGPNFSGTVFLANTNLILHGVSFYGFNNTVEAWTDVVRV
 RGCAFYCCWKGVCRPKSRASIKKCLFERCTLGILSEGNRVRHNVASDCGCFMLVKSVAVIKHNMMVCGN
 CEDRASQMLTCSDBGNCHLLKTIHVASHSRKAWPVFEHNILTRCSLHLGNRRGVFLPYQCNLSHTKILLEP
 ESMSKVNLLNGVDFMTMKIWKVLRVDETRTRCRPCECGKHIRNQPVMLDVTEELRPDHLVLACTRAEFGS
 SDEDTD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: AC_000008

ORF Size: 1488 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_000008.1](#), [AP_000199](#)

RefSeq ORF: 1488 bp

MW: 55.0 kDa