

Product datasheet for **VC100074**

E1B 19K (AC_000019) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: E1B 19K (AC_000019) Virus Tagged ORF Clone
Tag: Myc-DDK
Symbol: E1B 19K
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >The Viral ORF clone VC100074 represents NCBI reference of AP_000572 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGTGTGGGCGATCCTGGAGGATTTGAGGAAGACACGCCAGCTGCTGGAGAGTGCAAGCGACGGGG
 TTAGCGGATTCTGGCGTTCTGGTTTCCAGCGAACTGGCACGGGTTGTCTTTGAATAAAGCAGGACTA
 CAAACAGGAGTTCGAGAACTGCTGGTCGATTGCCAGGACTGTTTCGAGGCTCTGAACCTGGGACACCAA
 GTTCATTTTAAAGAAAAGTACTGAGTGTCTCGATTTTCAGACCCAGGAGGACTGCCGCCCGCGTCG
 CCTTTCTGACATTCATCCTTGATAAGTGGATCCCTCAAACACTCTTTTCTAGGGTTATGTGCTGGATTT
 TATCGCGACAGCTCTCTGGAGGACTTGAAGGTGCGCAAGATGCGCACTATTCTGGGGTATTGGCCCGTC
 CAGCCACTTGGCGTGGCCGGAATACTGAGACACCTCCCGTAATGCCTGCCGTCCTCGAAGAGGAGCAAC
 AAGAAGACAATCCAGAGCAGGACTCGATCCTCCCGTCGAGGAGGCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100074 representing AP_000572
 Red=Cloning sites Green=Tags

MEVWAILEDLRKTRQLLESASDGVSGFWRWFASELARVVFRIKQDYKQEFKLLVDCPGLFEALNLGHQ
 VHFKEKLSVLDSTPGRATAAVALFTFILDKWIPTHF SRGYVLDFIATALWRTWKVRKMRITILGYWPV
 QPLGVAGILRHPPVMPAVLEEEQEDNPRAGLDPPVEEAE

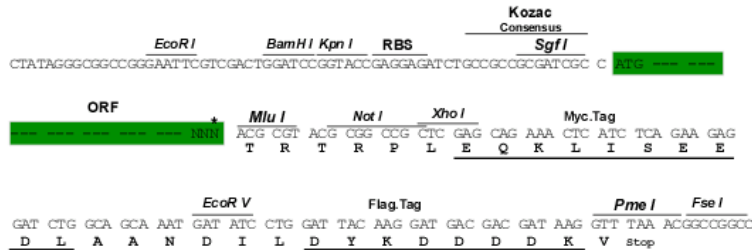
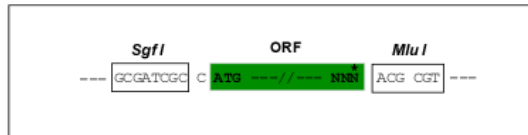
TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: AC_000019

ORF Size: 540 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_000019.1](#), [AP_000572](#)
RefSeq ORF: 540 bp

MW: 20.8 kDa