

Product datasheet for VC100001

E1A (AC_000017) Virus Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	E1A (AC_000017) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF Miu I GCGATCGC C ATG NINT ACG CGT
	$\begin{array}{c} \underbrace{Kozac}_{Consensus}\\ \underline{EcoR!} & \underline{BamH!Kpn!} & \underline{RBS} & \underline{Sgf!}\\ \hline \\ CTATAGGGGGGGCCGGGAATCCGTCGACTGGATCGGTCACGAGGAGATCTGCCCCGCATCGC C \\ \hline \\ ORF & \underline{Mlu!} & \underline{Not!} & \underline{Xno!}\\ \underline{ACG CGT AcG CGG CGC CC GAG CAG AAA CTC ATC \\ T R T R P L & \underline{E Q R L I} \end{array}$

 EcoR V
 Flag.Tag
 Pme I
 Fse I

 GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGCC
 D
 L
 A
 N
 D
 I
 L
 D
 Y
 K
 D
 D
 K
 V
 stop

TCA GAA GAG S E E

* The last codon before the Stop codon of the ORF

AC_000017

867 bp

ACCN: ORF Size:

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E1A (AC_000017) Virus Tagged ORF Clone - VC100001 **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. The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube Components: 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. AC 000017.1, AP 000498 RefSeq: RefSeq ORF: 867 bp MW: 31.8 kDa

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