

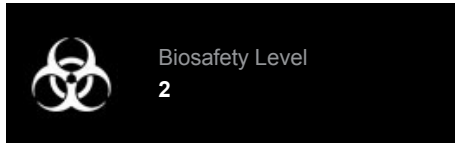


Product Sheet

# pUCSVK661-1 (ATCC® 87722™)

## Simian virus 40

### Please read this FIRST



Biosafety Level  
2

### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Simian virus 40* (ATCC® 87722™)

### Shipping Information

Distributed: freeze-dried

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

### Description

Designation: pUCSVK661-1

### Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.1, 2.7; BamHI--4.4, 3.4; Sall--7.8. Insert contains the following restriction sites (approximate kb from the 5' end): BamHI--2.44; BspHI--1.82, 2.68; EcoRI--1.69; HindIII--0.95, 1.4, 1.62, 3.38, 3.91, 5.08; NcoI--0.04, 0.24, 0.47; NdeI--3.71, 4.73; PstI--1.90, 3.11; Pvull--0.18, 1.62, 3.41.  
- ATCC staff

Full-length genome of SV40 strain K661-1 (SV40-K661-1) was cloned into pUC-19 at the EcoRI site. First protoarchetypal version of SV40 to be cloned and characterized. It has numerous nucleotide differences from SV40 reference strain 776.

- personal communication

This is a viable clone (viral DNA, when excised from the plasmid using EcoRI, will form virus particles if the DNA is transfected into CV-1 cells or other permissive cells).

- J. Virol. 72: 3980-3990, 1998

### Distributed In

Distribution host: *Escherichia coli* SURE (ATCC 55695)

### Insert Information

DNA: genomic  
DESCRIPTION OF INSERT COMPONENT:  
Genome: SV40 virus  
Gene name: DNA Segment  
Contains complete coding sequence?: Y  
Strain: rhesus monkey  
Tissue: brain, spleen, and lymph nodes  
Type of DNA: genomic  
Insert end: EcoRI  
Insert end: EcoRI  
Insert size (kb): 5.147  
Cross references: DNA Seq. Acc.: AF038616  
Nucleotides 1-5147 of the insert correspond to nucleotides 1-5147 of AF038616.  
Insert lengths(kb): 5.146999835968018  
Tissue: brain, spleen, and lymph nodes

### Vector Information

Construct size (kb): 7.833000183105469  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pUC19  
Intact vector size: 2.686  
Type of vector: plasmid  
Vector end: EcoRI  
Vector end: EcoRI  
Cloning sites: EcoRI SacI KpnI SmaI BamHI XbaI HincII AclI Sall PstI SphI HindIII  
Polylinker sites: EcoRI SacI KpnI SmaI BamHI XbaI HincII AclI Sall PstI SphI HindIII  
Construction: pUC71K  
Host range: *Escherichia coli*  
Features (with orientation and position when available):

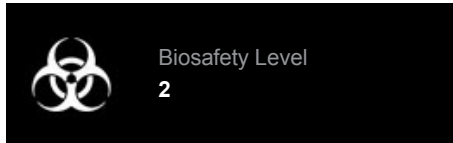


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insert detection: lacZ', <-  
MCS: EcoRI...HindIII, ->  
promoter: lac, <-  
replicon: pMB1, <-  
marker(s): ampR, <-  
Cross references: DNA Seq. Acc.: X02514

#### Propagation

#### Growth Conditions

**Temperature:** 37.0°C

#### Medium

ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

#### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

#### Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

#### ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

#### Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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