ATCC

Product Sheet

pHPV-16 plasmid in *E. coli* (ATCC® 45113™)

human papilloma virus type 16

Please read this FIRST

Storage Temp.
Store at 4°C

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: human papilloma virus type 16 (ATCC® 45113™)

Shipping Information

Frozen *Escherichia coli* DH5α containing the plasmid.

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

This is a clone of HPV16 that has been linearized at the unique BamHI site and cloned into the XhoI site of the pBluescript SK- vector.
Designation: pHPV-16 plasmid in *E. coli*

Notes

Restriction digests of the clone give the following sizes (kb): BamHI/BglI--8.0, 1.5, 1.2; PstI--3.6, 2.9, 1.8, 1.1, 1.0, 0.5; KpnI--4.4, 3.8, 2.7; EcoRI--7.0, 3.6, 0.6.
- ATCC staff

BamHI+BglI will excise the insert with 205 nucleotides of the vector.

The insert contains the following restriction sites (nt from the vector KpnI site [nt according to GenBank accession K02718]): PstI--654 [6791], 870 [7007], 2646 [879], 5463 [3696], 6526 [4759], 7009 [5242]; KpnI--2651 [884], 7148 [5381]; EcoRI--685 [6818], 1320 [7453].
- personal communication

Insert Information

Insert size (kb): 7.904
Genome: human papilloma virus type 16
Gene name: genome, full-length
Contains complete coding sequence?: U
Type of DNA: genomic
Insert ends: BamHI

Vector Information

Size of Construct (kb): 10.866
Excise insert: BamHI+BglI (insert fragment will include 205 nt of the vector).

Vector information:
Vector: pBluescript SK-
Size of intact vector (kb): 2.960
Markers: ampR
Vector ends: XhoI

Propagation

1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Aseptically transfer the entire contents to a test tube containing 5 mL LB+50 µg/mL of ampicillin. A loopful of culture can also be streaked on an LB + amp agar plate.
3. Incubate cultures at 37°C.
4. Isolate DNA using standard plasmid preparation procedures.

Growth Conditions
Temperature: 37°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.

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

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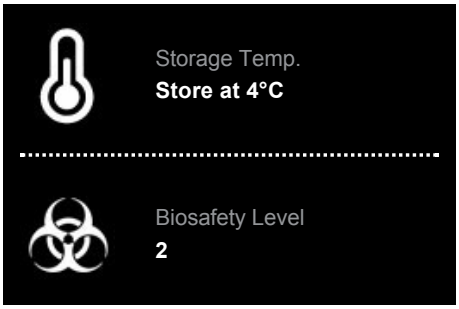

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The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that 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.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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