



pHPV-16 plasmid in *E. coli*

45113™

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.

Organism: human papilloma virus type 16

Clone type: Clone

Shipping information: *Escherichia coli* DH5α containing the plasmid

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

Intended Use

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

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 7.903999999999999

Type of DNA: genomic

Insert information:

Insert ends: BamHI

Genome: human papilloma virus type 16

Gene name: genome, full-length

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 10.866

Intact vector size: 2.960

Vector name: pBluescript SK-

Vector end: XhoI

Vector information: Excise insert: BamHI+BglI (insert fragment will include 205 nt of the vector).

Markers: ampR

Growth Conditions

Medium:

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

Temperature: 37°C

Handling Procedures

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.
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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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pHPV-16 plasmid in *E. coli* (ATCC 45113)

References

References and other information relating to this material are available at www.atcc.org.

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