



Product Sheet

# HPV 56 clone 2C purified plasmid DNA (ATCC® 40549™)

## human papilloma virus type 56

Please read this **FIRST**

Storage Temp.  
**4°C or colder**

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Biosafety Level  
**1**

### 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 56* (ATCC® 40549™)

### Shipping Information

Purified plasmid DNA, 200 ng 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

This is a partial clone of human papilloma virus (HPV) 56 cloned from human cervical intraepithelial neoplasia I. The insert was cloned into the pT713 vector at the BamHI site. The following enzymes do not cut the insert: Bgl I, HindIII, PvuI, Sall, SmaI, SstI, XhoI. The insert contains the following restriction sites (in approximate kb from one end): EcoRV - 1.8; EcoRI - 3.1; EcoRV - 3.2; PvuII - 4.8; XbaI - 4.92; SphI - 5.2; EcoRI - 5.9; PstI - 6.65; PstI/KpnI - 7.1; BamHI - 0/7.9.

**Designation:** HPV 56 clone 2C purified plasmid DNA

### Notes

Restriction digests of the clone gave the following sizes (kb): EcoRI - 4.8, 3.1, 2.7; BamHI - 7.9, 3.0.  
-ATCC Staff

### Distributed In

*Escherichia coli*

### Insert Information

**Insert lengths (kb):** 7.9  
**Gene:** human papilloma virus type 56  
**DNA:** genomic  
**Source:** from human cervical intraepithelial neoplasia I  
**Insert ends:** BamHI

### Vector Information

**Total size of construct (kb):** 10.7  
**Marker:** ampR  
**Excise insert:** BamHI  
**Vector:** pT713  
**Vector type:** plasmid  
**Vector size (kb):** 2.82  
**Markers:** ampR  
**Vector ends:** BamHI  
**Polylinker sites:** HindIII PstI Sall AccI HincII XbaI BamHI SmaI XmaI SstI EcoRI  
**Construction:** pBR322, pUC13  
**Promoter:** T7 (phi10)

### Propagation

Rehydrate plasmid with water or TE buffer. Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 µg/mL of ampicillin agar. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

### References

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

### Biosafety Level: 1

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




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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 insure 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](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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