



Product Sheet

pDS [pDS5] (ATCC® 87699™)

Please read this FIRST



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: pDS [pDS5] (ATCC® 87699™)

Shipping Information

Distributed: freeze-dried

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

Designation: pDS [pDS5]

Distribution Host:

Distribution host: *Escherichia coli* HB101 (ATCC 33694)

Propagation

Growth Conditions

Temperature: 37.0°C

Medium

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

Vector Information

Size (kb): 5.8499999046325680

DESCRIPTION OF VECTOR:

Intact vector size: 5.850

Type of vector: plasmid

Cloning sites: EcoRV

Polylinker sites:

Cloning capacity: 1.8 kb

Construction: pN4 (src deleted)

Host range: avian cells; *Escherichia coli*

Features (with orientation and position when available):

restriction site: Sall

coding sequence: 3' env

other: splice acceptor site

restriction site: EcoRV

other: 3' LTR

restriction site: Sall

marker(s): ampR, ->

replicon: pMB1

Vector: pDS (plasmid)

Construction: pN4 (src deleted)

Marker(s):ampR

Construct size (kb): 5.849999904632568

Features: marker(s): ampR

other: 3' LTR

other: splice acceptor site

replicon: pMB1

restriction site: EcoRV

restriction site: Sall

coding sequence: 3' env

References

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

Notes

Restriction digests of the clone give the following sizes (kb): EcoRV - 5.9;

Sall - 3.3, 2.7; HindIII - 5.9.

- ATCC staff

Avian retroviral expression vector derived from Rous sarcoma virus (RSV), requiring vector pRep(A) (ATCC 87702) for recombinant virus production.

- Gene 202: 23-29, 1997

Replication- competent virus vectors expressing foreign DNA cloned into the EcoRV site can be recovered from the culture fluids after Sall digestion, ligation to Sall digested pRep (A)DNA and transfection into chicken primary cells or appropriate cells



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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 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

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

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