ATCC

Product Sheet

pDS [pDS5] (ATCC® 87699™)

Please read this FIRST

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

Conditions

Temperature: 37.0°C

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: SalI
coding sequence: 3' env
other: splice acceptor site
restriction site: EcoRV
other: 3' LTR
restriction site: SalI
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: SalI
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; SalI - 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 SalI digestion, ligation to SalI digested pRep (A)DNA and transfection into chicken primary cells or appropriate cells
- Gene 202: 23-29, 1997

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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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