ATCC

Product Sheet

pRep(A) [pREP] (ATCC® 87702™)

Please read this FIRST

Storage Temp.
Store unopened freeze dried vial at 4^0 C.

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: pRep(A) [pREP] (ATCC® 87702™)

Shipping Information

Freeze dried *E. coli* 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 Rous Sarcoma (RSV) derived vector (5 LTR, gag, pol and 5 env), for ligation with avian retroviral expression vectors (ATCC# 87699 87701) to create proviral DNA capable of producing replication competent recombinant virus. The vector can be linearized with SalI for ligation to one of the RSV-derived expression vectors.The parental plasmid pSR-REP which encodes pol, derived from the Schmidt-Ruppin subgroup A strain of RSV, was described in Cell 34: 597-607, 1983. The pol sequence is derived from the Bryan strain of RSV and is more efficient in virus production after transfection.
Designation: pRep(A) [pREP]

Conditions

Temperature: 37.0°C

Vector Information

Size (kb): 9.1999998092651370
Vector: pRep(A) (plasmid)
Construction: RSV (5' LTR, gag, pol, 5' env), pBR322
Marker(s):ampR
Construct size (kb): 9.199999809265137
Features: marker(s): ampR
other: 5' LTR
replicon: pMB1
restriction site: SalI
coding sequence: 5' env
coding sequence: gag
coding sequence: pol(derived from the Bryan strain of RSV

References

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

Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRV 9.4 ; NdeI 9.4 ; SalI 9.4. ATCC Staff

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.

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.

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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

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

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