ATCC

Product Sheet

pTR-UF-11 plasmid in *E. coli* (ATCC® MBA-331™)

Please read this FIRST

Storage Temp.
-80°C or colder

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: pTR-UF-11 plasmid in *E. coli* (ATCC® MBA-331™)

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

SmaI cuts in both AAV ITRs (these can be unstable in bacteria). When culturing the bacteria containing AAV ITRs, do not culture for more than 16-18 hours at 37°C because deletions may occur especially in stationary cultures. A missing ITR can be tolerated in about 20% of a plasmid prep. SmaI cuts in both AAV ITRs and can serve as a diagnostic that the ITRs are intact. One or the other ITRs may be deleted (and so will the SmaI site) during culturing and cloning. If an ITR is deleted, then the SmaI digests will generate larger molecular weight bands.
Designation: pTR-UF-11 plasmid in *E. coli*
Distribution Host: *E. coli* SURE Cells from Stratagene
Media:
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Conditions

Temperature: 37°C

Propagation:
Streak a loopful of culture on an LB + 50 µg/mL ampicillin agar plate. Incubate liquid cultures at 37°C for no more than 16-18 hours. Isolate DNA using standard plasmid preparation procedures. Up to 20% of the plasmid population with one ITR deleted is tolerated

Vector Information

Vector size (in kb): 7.2
Vector type: AAV vector plasmid
Vector features: CMV IE enhancer, Chicken β-actin promoter, AAV2 Inverted Terminal Repeats (ITRs), SV40 polyA, bovine growth hormone polyA
Bacterial selection: Ampicillin

References

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

Notes

Restriction digests on the vector gave the following results (in Kb): PstI- 2.8, 1.9, 1.2, 1.0, 0.2, SmaI- 4.2, 3.0, faint band at 7.2 (indicates deletion of one ITR), NotI- 6.5, 0.7
--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.

This product is sent with the condition that you are responsible for its safe storage, handling, and use.

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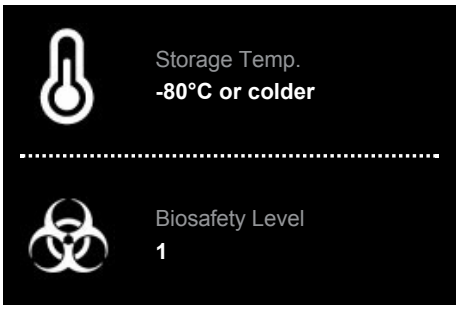

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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