ATCC

Product Sheet

pTG12 [MB4541] (ATCC® 39080™)

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: pTG12 [MB4541] (ATCC® 39080™)

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: pTG12 [MB4541]
Distribution Host:
Distribution host: Escherichia coli RR1; K-12 RR1
Media:
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Conditions

Temperature: 37.0°C

Vector Information

Size (kb): 37.4000015258789100
Vector: pTG12 (plasmid)
Construction: pTG6 (ATCC 39079)
Marker(s):ampR,kanR
Construct size (kb): 37.40000152587891
Features: marker(s): ampR, kanR
replicon: pMB1, TG1

References

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

Notes

Maintained as plasmid in E. coli. When undigested plasmid DNA from E. coli is used to transfect protoplasts of Streptomyces cattleya, phage are generated. This was constructed from pTG6 (ATCC 39079) by deleting a 6 kb fragment which includes the SphI site at 4.75 kb, the PstI site at 6.38 kb, and the BamHI site at 7.27 kb.
- U.S. Pat. 4,460,689 dated July 17, 1984

.patent

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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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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