ATCC

Product Sheet

pMTchi5/4269C (ATCC® 39394™)

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: pMTchi5/4269C (ATCC® 39394™)

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: pMTchi5/4269C
Distribution Host:
Distribution host: Escherichia coli LE392
Media:
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Conditions

Temperature: 37.0°C

Vector Information

Size (kb): 10.8000001907348600
Vector: pMTchi5/4269C (plasmid)
Promoters: Promoter Ti
Construction: MTX5, Ti promoter
Marker(s):LEU2,ampR,DHFR
Construct size (kb): 10.80000019073486
Features: marker(s): ampR, DHFR, LEU2
promoter: Ti
replicon: pMB1, 2 micron

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): HindIII--11.3; PvuII--9.6, 2.0; BamHI--11.3.
- ATCC staff

An episomal Saccharomyces cerevisiae/Escherichia coli shuttle vector. This vector contains the following sites separated by (kb): BamHI- 0.15- PvuII- 0.33- BamHI- 9.2- PvuII- 1.6- BamHI. A 480 bp HindIII/Sau3AI fragment from pTiA6 was isolated, the Sau3AI site changed to BamHI and the ends filled. BamHI linkers were added and it was cloned into the BamHI site of MTX5.
- U.S. Pat. 4,670,399 dated June 2, 1987

.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.

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

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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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