



Product Sheet

## pCFM526 (ATCC® 39932™)

Please read this FIRST



### 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: pCFM526 (ATCC® 39932™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

### Description

**Designation:** pCFM526

**Distribution Host:**

Distribution host: Escherichia coli AM7/pMW1

### Propagation

**Growth Conditions**

**Temperature:** 28.0°C

**Medium**

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

### Vector Information

Size (kb): 4.6500000953674320

Vector: pCFM526 (plasmid)

Promoters: Promoter lambda PL

Construction: pCFM414

Marker(s): ampR, kanR

Construct size (kb): 4.650000095367432

Features: marker(s): ampR, kanR

promoter: lambda PL

replicon: R1

terminator: lambda Toop

### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

### Notes

Temperature sensitive. Grow at 28C. Ampicillin is the selection marker for pCFM526, kanamycin for pMW1.

- unknown

This is an expression plasmid containing a lambdaPL promoter, a ribosome binding site, a multiple cloning sequence, and a lambda Toop terminator. This vector contains the copA region from NR1, the copB region from Beu1, and the repA and ori sequences of NR1. There is a G/C to A/T mutation at bp 598 in the copB coding region.

- U.S. Pat. 4,710,473 dated Dec. 1, 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



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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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