




## Product Sheet

# pMMB206 in *Escherichia coli* (ATCC® 37808™)

### Please read this FIRST



Storage Temp.  
**Store unopened frozen vial at -80°C**

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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: pMMB206 in *Escherichia coli* (ATCC® 37808™)

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

One of a series of wide host range, low copy number vectors that allow direct screening for recombinants. This vector contains sequences encoding lacIq, a tandem tac lacUV5 promoter region, and lacZalpha to allow direct screening by inactivation of alpha-complementation. It shows a low level of expression without induction. Sequencing has demonstrated that there are 3 stop codons in-frame with the truncated bla gene, terminating translation but permitting continued transcription and expression of the cat gene.

- Gene (Amst.) 97: 39-47, 1991.

**Designation:** pMMB206 in *Escherichia coli*

**Distribution Host:** *Escherichia coli* TB1

## Propagation

### Growth Conditions

**Temperature:** 37°C

### Medium

ATCC® Medium 1675: LB medium (ATCC medium 1065) with 10 mcg/ml Chloramphenicol

## Vector Information

**Size (kb):** 9.31

**Vector:** pMMB206 (plasmid)

**Promoters:** Promoter tac

**Construction:** pMMB190, pUC8

**Marker(s):** cmIR

**Construct size (kb):** 9.31

**Features: insert detection:** lacZ'

**marker(s):** cmIR

**promoter:** tac, lacUV5

**replicon:** oriV, oriT (IncQ)

**repressor gene:** lacIq

**transcription terminator:** rrnB

## References

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

## 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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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



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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](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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### Please read this FIRST

A black rectangular graphic with white text and icons. The top section features a thermometer icon, the text "Storage Temp.", and the instruction "Store unopened frozen vial at -80°C". A horizontal dashed line separates this from the bottom section, which features a biohazard icon and the text "Biosafety Level 1".

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