



pMMB206 in *Escherichia coli*

37808™

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.

Clone type: Vector

Host: *Escherichia coli* TB1

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as

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guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Vector Information

Construct size (kb): 9.31

Vector name: pMMB206 (plasmid)

Type of vector: plasmid

Construction: pMMB190, pUC8

Insert detection: lacZ'

Markers: cmlR

Promoters: tac; lacUV5

Replicon: oriV; oriT (IncQ)

Repressor gene: lacIq

Transcription terminator: rrnB

Growth Conditions

Medium:

ATCC Medium 1675: LB Agar/Broth (1065) w/ 10ug/ml Chloramphenicol

Temperature: 37°C

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pMMB206 in *Escherichia coli* (ATCC 37808)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
