



# pMMB33 [JD50] 37248™

Product Sheet

## Description

**Clone type:** Vector

**Shipping information:** *Escherichia coli* containing the cosmid

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## BSL 1

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

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Vector Information

**Construct size (kb):** 13.75

**Vector name:** pMMB33 (cosmid)

**Construction:** RSF1010, pHc79

**Markers:** kanR

**Replicon:** R300B

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## Growth Conditions

**Medium:**

ATCC Medium 1236: LB Medium (ATCC medium 1065) with 25 mcg/ml kanamycin

**Temperature:** 30°C

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pMMB33 [JD50] (ATCC 37248)

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## References

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

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