



# pVT65

## 77245™

### Description

**Clone type:** Vector

**Host:** *Escherichia coli* JM109 (ATCC 53323)

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### Storage Conditions

**Product format:** Freeze-dried

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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):** 6.5

**Intact vector size:** 6.500

**Vector name:** pVT65 (plasmid)

**Type of vector:** plasmid

**Construction:** pDM2, pBGS8

**Host range:** *Haemophilus influenzae*; *Escherichia coli*

**Cloning sites:** PstI; HincII; PvuI; NcoI; Scal; SspI; Ball

**Markers:** cmlR; ampR

**Replicon:** pMB1; pRSF0885

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): PstI--6.6;

PvuI--6.6; SspI--3.7, 2.9; PvuII--6.2, 0.46; BamHI--4.0, 2.4.

- ATCC staff

Precautions have not been taken to maintain the F' in the JM109 host. The F' is not required to use this plasmid.

- personal communication

Shuttle vector.

- Gene 86: 99-102, 1990

Cloning into the HincII, PstI, PvuI, ScaI, or SspI sites inactivates ampR.

- Gene 86: 99-102, 1990

Cloning into the Ball or NcoI sites inactivates cmLR.

- Gene 86: 99-102, 1990

The order of the major features in this plasmid is: pMB1 ori - ampR - pRSF0885  
rep - cmLR.

- Gene 86: 99-102, 1990

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pVT65 (ATCC 77245)

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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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## Revision

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