



# pCD.1 87774™

## Description

**Clone type:** Vector

**Host:** *Escherichia coli* DH5

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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):** 6.204999923706055

**Intact vector size:** 6.205

**Vector name:** pCD.1 (plasmid)

**Type of vector:** plasmid

**Construction:** pRS314

**Cloning sites:** NdeI; SfiI; NcoI; SmaI; BamHI; Sall; PstI

**Coding sequence:** bla, <-, 934-1794; bla

**Markers:** crbR; TRP1

**MCS:** NdeI..PstI, ->, 5661-5715

**Polylinker sites:** NdeI; SfiI; NcoI; SmaI; BamHI; Sall; PstI

**Promoters:** PADH, 4437-5165

**Replicon:** ColE1, 1-362; ARS4, 2066-2442

**Ribosome-binding site:** GAL4, ->, 5166-5607

**Terminator:** ADC1, 5733-5923

**Transcription terminator:** ADC1 transcriptional terminator (TADH), 5733-5923

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## Growth Conditions

### Medium:

ATCC Medium 1637: LB medium (ATCC medium 1065) with 100 mcg/ml carbenicillin

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): BamHI--6.2; PstI--6.2; HindIII--4.5, 1.7; NdeI--6.2. Useful in two hybrid screening in yeast. A CEN-based plasmid with the Gal4' DNA binding domain. It has lower copy number than 2 micron based plasmids.

- ATCC staff

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCD.1 (ATCC 87774)

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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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