



# pCMVlacZII

77169<sup>TM</sup>

Product Sheet

## Description

**Clone type:** Vector

**Host:** *Escherichia coli* DH5alpha

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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



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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):** 10.89999961853027

**Intact vector size:** 10.900

**Vector name:** pCMVlacZII (plasmid)

**Type of vector:** plasmid

**Host range:** vertebrate cells

**Markers:** neoR

**Promoters:** CMV; RSV

**Replicon:** pMB1; M13; SV40; polyoma

**Terminator:** SV40

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## Growth Conditions

**Medium:**

ATCC Medium 1799: LB medium (ATCC medium 1065) plus 10 mcg/ml neomycin

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--9.6, 1.3;

HindIII/XbaI--7.2, 3.8; KpnI--7.4, 3.6; StuI--11.0.

- ATCC staff

The order of the major features in this plasmid is: CMV promoter - bacterial lacZ - polyadenylation signal - RSV promoter - neoR - polyoma virus ori - SV40 ori - pMB1 ori - M13 ori.

- personal communication



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Shuttle reporter plasmid permitting visual detection of activity by histochemical staining.

- Biotechniques 11: 344-351, 1991

Presence of beta-galactosidase activity is used to follow cell lineage in culture or *in situ*.

- Biotechniques 11: 344-351, 1991

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMVlacZII (ATCC 77169)

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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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