



# PTG12 Plasmid in *Escherichia coli*

39080™

## Description

**Clone type:** Vector

**Host:** *Escherichia coli* RR1; K-12 RR1

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**Patent number:**

4,460,689

**Technical information:** ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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## Storage Conditions

**Product format:** Freeze-dried

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## Intended Use

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## BSL 1

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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):** 37.40000152587891

**Vector name:** pTG12 (plasmid)

**Construction:** pTG6 (ATCC 39079)

**Markers:** kanR; ampR

**Replicon:** pMB1; TG1

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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

Maintained as plasmid in *E. coli*. When undigested plasmid DNA from *E. coli* is

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used to transfect protoplasts of *Streptomyces cattleya*, phage are generated. This was constructed from pTG6 (ATCC 39079) by deleting a 6 kb fragment which includes the SphI site at 4.75 kb, the PstI site at 6.38 kb, and the BamHI site at 7.27 kb.

- U.S. Pat. 4,460,689 dated July 17, 1984

.patent

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PTG12 Plasmid in *Escherichia coli* (ATCC 39080)

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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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