



# P5003 Plasmid in *Escherichia coli*

39792™

## Description

**Organism:** *Gallus gallus*, chicken

**Clone type:** Clone

**Host:** *Escherichia coli*

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**Patent number:**

4,742,004

**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

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

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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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## Insert Information

**Insert size (kb):** 0.75

**Type of DNA:** cDNA

**Genome:** chicken

**Target gene:** growth hormone

**Gene name:** growth hormone

**Gene product:** growth hormone [GH]

**Gene symbol:** GH

**Contains complete coding sequence:** Unknown

**Insert end:** NdeI

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## Vector Information

**Construct size (kb):** 4.5999999904632568

**Intact vector size:** 3.850

**Vector name:** pS79

**Type of vector:** plasmid

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Product Sheet

**Host range:** *Escherichia coli*

**Vector end:** NdeI

**Cloning sites:** NdeI

**Enhancer:** none

**Markers:** ampR

**Terminator:** T1T2

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## Growth Conditions

**Medium:**

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

**Temperature:** 30°C

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## Notes

Restriction digests of the clone give the following sizes (kb): EcoRI—4.6;  
HindIII—3.45, 1.15; NdeI—3.8, 0.75.

- ATCC staff

Expresses an analog of growth hormone having a Met residue added at the amino terminus.

- U.S. Pat. 4,742,004 dated May 3, 1988

.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: P5003 Plasmid in *Escherichia coli* (ATCC 39792)

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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

This information on this document was last updated on 2025-05-05

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## Contact Information

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