



P8300-10A Plasmid in *Escherichia coli*

39785™

Description

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.

Storage Conditions

Product format: Freeze-dried

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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.

Insert Information

Type of DNA: cDNA

Genome: bovine

Chromosome: 19

19

Target gene: growth hormone

Gene name: growth hormone

Gene product: growth hormone [GH]

Gene symbol: GH

Contains complete coding sequence: Unknown

Insert end: ClaI

Vector Information

Construct size (kb): 0.0

Vector name: pOP1delta6

Type of vector: plasmid

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Product Sheet

Host range: *Escherichia coli*

Vector end: ClaI

Cloning sites: ClaI

Enhancer: none

Markers: ampR

Terminator: T1T2

Growth Conditions

Medium:

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

Temperature: 30°C

Notes

Restriction digests of the clone give the following sizes (kb): ClaI—4.4 (doublet); EcoRI—8.0; HindIII—8.0.

- ATCC staff

Expresses an analog of the natural phenylalanine form of bovine growth hormone (bGH) having Met at the N-terminus (Met-Phe-bGH).

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

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: P8300-10A Plasmid in *Escherichia coli* (ATCC 39785)

References

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References and other information relating to this material are available at www.atcc.org.

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Contact Information

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39785

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
