



pHG50

39805™

Description

Organism: *Bos taurus*, cow

Clone type: Clone

Host: *Escherichia coli*

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Patent number:

4,742,004

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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

Insert size (kb): 1.2

Type of DNA: cDNA

Genome: bovine

Chromosome: 19

19

Gene name: growth hormone

Gene product: growth hormone [GH]

Gene symbol: GH

Contains complete coding sequence: Unknown

Insert end: EcoRI; PstI

Vector Information

Construct size (kb): 6.800000190734863

Intact vector size: 4.600

Vector name: pHG44

Type of vector: plasmid

Construction: pPS1, pRO 12

Host range: *Escherichia coli*

Vector end: HindIII; NdeI

Cloning sites: HindIII; NdeI

Enhancer: none

Markers: ampR

Promoters: lambdaPL

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):

NdeI/HindIII--2.6, 2.3, 1.1, 0.8; PstI--4.4, 2.4; IcoRI--6.8; HindIII--4.9, 1.9;

NdeI--3.4, 3.4.

- ATCC staff

A HpaII fragment from pSK434 (ATCC 39784) containing lambda cI434 repressor was inserted in the ClaI site of pGH44 (ATCC 39806) to produce pHG50.

- 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: pHG50 (ATCC 39805)

References

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

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Revision

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

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39805

Product Sheet

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