



pLG104R

31902™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* MM294

Patent depository: This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

Patent number:

6,310,045

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

Insert size (kb): 4.2599999999999998

Type of DNA: cDNA

Insert source: fibroblast

Insert tissue: fibroblast

Insert information:

Genomic copy number: unique

Genome: human

Chromosome: 9

9 p22

Target gene: interferon, beta 1, fibroblast

Gene name: interferon, beta 1, fibroblast

Gene product: interferon, beta 1, fibroblast [IFNB]

Gene symbol: IFNB1; IFNB

Contains complete coding sequence: Unknown

Vector Information

Vector name: unknown

Type of vector: plasmid

Host range: *Escherichia coli*

Markers: ampR

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb):

BamHI/BglII--2.2, 1.8 doublet, 0.66; BamHI--6.4; PstI--1.8 doublet?, 1.0.

- ATCC staff

Insert contains an internal PstI site.

- Proc. Natl. Acad. Sci. USA 77: 5230-5233, 1980

Encodes a 23 kDa protein product in *Escherichia coli*, corresponding to the expected molecular weight of unglycosylated pre-INFB.

- Proc. Natl. Acad. Sci. USA 77: 5230-5233, 1980

Constructed by inserting a lacZ promoter (derivative of lac95 portable promoter) upstream of Bal31-digested pre-interferon cDNA.

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.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: pLG104R (ATCC 31902)

References

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

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Revision

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