



pBR:beta S

39699™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli*

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Patent number:

4,683,195

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

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.

Insert Information

Insert size (kb): 1.8999999999999999

Type of DNA: genomic

Insert information:

Genomic copy number: unique

Genome: human

Chromosome: 11

11 p15.5

Gene name: hemoglobin, beta

Gene product: hemoglobin, beta(globin, beta) [HBB]

Gene symbol: HBB

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 6.800000190734863

Intact vector size: 4.900

Vector name: pBR328

Type of vector: plasmid

Construction: pBR327 ori, pBR325 cml

Host range: *Escherichia coli*

Vector end: BamHI; ?

Vector information:

Cross references: DNA Seq. Acc.: L08858

Cloning sites: AatII; AsuII; Aval; ClaI; HgiEI; HindIII; Tth111I; BamHI; EcoRI; EcoRV; Ball;

NcoI; NruI; PstI; PvuI; PvuII; Sall; SphI; XmaII

Markers: cmlR; ampR; tetR

Promoters: none

Replicon: pMB1

Terminator: none

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--4.9, 2.0;

PstI--7.0.

- ATCC staff

Includes first and second exons, first intron, and 5' flanking sequences.

Isolated from pFC11.

- U.S. Pat. 4,683,194 dated July 28, 1987

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.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBR:beta S (ATCC 39699)

References

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

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