



pBR:delta 39700™

Description

Clone type: Clone

Host: *Escherichia coli*

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Patent number:

4,683,194

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): 1.3999999999999999

Type of DNA: genomic

Insert information: Genomic copy number: unique

Genome: human

Chromosome: 11

11 p15.5

Gene name: hemoglobin, delta

Gene product: hemoglobin, delta(globin, delta) [HBD]

Gene symbol: HBD

Contains complete coding sequence: Unknown

Insert end: EcoRI; BamHI

Vector Information

Construct size (kb): 4.9000000095367432

Intact vector size: 4.900

Vector name: pBR328

Type of vector: plasmid

Construction: pBR327 ori, pBR325 cml

Host range: *Escherichia coli*

Vector end: BamHI; EcoRI

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

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--4.7, BamHI/EcoRI--3.4, 1.55.

- ATCC staff

Includes 5' flanking sequences and first exon. Isolated from pFC12.

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

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Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: pBR:delta (ATCC 39700)

References

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

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