



pDP252

39735™

Description

Organism: Hepatitis B virus, Hepatitis B virus

Clone type: Clone

Host: *Escherichia coli* RR1; K-12 RR1

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Patent number:

4,722,848

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.

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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): 1.0800000000000001

Type of DNA: unknown

Genome: Hepatitis B virus

Gene name: surface antigen

Gene product: surface antigen [sAg]

Gene symbol: sAg

Contains complete coding sequence: Unknown

Insert end: HhaI

Vector Information

Construct size (kb): 5.440000057220459

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: HindIII

Vector information:

Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

Markers: ampR; tetR

Replicon: pMB1

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): HindIII--4.5, 1.15; EcoRI--5.7.

- ATCC staff

The insert contains a BamHI site. This clone was constructed by isolating a 1.084 kb HhaI fragment from pTHBV containing the coding sequence for the surface antigen without pre-surface antigen. This was blunt-ended with T4 DNA polymerase, linked with HindIII, and inserted into pBR322.

- U.S. Pat. 4,722,848 dated Feb. 2, 1988

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pDP252 (ATCC 39735)

References

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

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Product Sheet

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