



pBR322(Pst)/HLA-DR-Beta-C

39165™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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Patent number:

5,169,941

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): 1.2

Type of DNA: cDNA

Insert source: B-lymphocyte IBW 9 cell line

Insert tissue: B-lymphocyte IBW 9 cell line

Genome: human

Chromosome: 6

6 p21.3

Gene name: major histocompatibility complex, class II, DR beta

Gene product: major histocompatibility complex, class II, DR beta 1(HLA class II histocompatibility antigen, DR-1 beta chain) [HLA-DRB*]

Gene symbol: HLA-DRB*

Contains complete coding sequence: Yes

Insert end: Modification: GC tails

Vector Information

pBR322(Pst)/HLA-DR-Beta-C

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Product Sheet

Construct size (kb): 6.199999809265137

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: PstI

Vector information:

Cross references: DNA Seq. Acc.: J01749

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

Markers: ampR; tetR

Replicon: pMB1

Growth Conditions

Medium:

ATCC Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--6.2; HindIII--5.2, 1.2; PstI--5.8, 0.6.

- ATCC staff

The cell line IBW 9 is heterozygous at DR4, w6.

- U.S. Pat. 5,169,941 dated Dec. 8, 1992

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBR322(Pst)/HLA-DR-Beta-C (ATCC 39165)

References

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

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