



PBR322 (PST)/HLA-DR-BETA-B Plasmid in *Escherichia*

39163™

Description

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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:

5,169,941

Technical information: ATCC Technical Services 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.

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories*

PBR322 (PST)/HLA-DR-BETA-B Plasmid in *Escherichia*

39163

(*BMBL*), U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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): 1.2150000000000001

Type of DNA: cDNA

Insert source: cell line IBW9 (beta lymphoblasts)

Insert tissue: cell line IBW9 (beta lymphoblasts)

Insert information:

(GB:A06805)

Cross references: DNA Seq. Acc.: A06805

Nucleotides 1-1215 of the insert correspond to nucleotides 1-1215 of A06805.

Genome: human

Chromosome: 6

6 p21.3

Gene name: major histocompatibility complex, class II, DR beta 1

Gene product: major histocompatibility complex, class II, DR beta 1 (GB:A06805) [HLA-DRB*]

Gene symbol: HLA-DRB*

Contains complete coding sequence: Yes

Insert end: Modification: dC tailed

Vector Information

PBR322 (PST)/HLA-DR-BETA-B Plasmid in *Escherichia*

39163

Construct size (kb): 5.578000068664551

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: PstI Modification: dG tailed

Vector information:

Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; Sall; 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 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): PstI--4.4, 0.6, 0.5; SstI--5.5; StuI--5.5.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): SacI--0.13; Scal--0.32; PstI--0.38, 0.47, 0.99; XmnI--0.51, 0.63, 0.92; StuI--0.58.

- GenBank/EMBL/DDBJ

.patent

PBR322 (PST)/HLA-DR-BETA-B Plasmid in Escherichia

39163

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-B Plasmid in Escherichia (ATCC 39163)

References

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

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

Disclaimers

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use. Any proposed commercial use is prohibited without a license from

PBR322 (PST)/HLA-DR-BETA-B Plasmid in Escherichia

39163

ATCC.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate or complete and the customer bears the sole responsibility of confirming the accuracy and completeness of any such information.

This product is sent on the condition that the customer is responsible for and assumes all risk and responsibility in connection with the receipt, handling, storage, disposal, and use of the ATCC product including without limitation taking all appropriate safety and handling precautions to minimize health or environmental risk. As a condition of receiving the material, the customer agrees that any activity undertaken with the ATCC product and any progeny or modifications will be conducted in compliance with all applicable laws, regulations, and guidelines. This product is provided 'AS IS' with no representations or warranties whatsoever except as expressly set forth herein and in no event shall ATCC, its parents, subsidiaries, directors, officers, agents, employees, assigns, successors, and affiliates be liable for indirect, special, incidental, or consequential damages of any kind in connection with or arising out of the customer's use of the product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

Please see the material transfer agreement (MTA) for further details regarding the use of this product. The MTA is available at www.atcc.org.

This material is cited in a US and/or international patent and may not be used to infringe the claims. Depending on the wishes of the Depositor, ATCC may be required to inform the Depositor of the party to which the material was furnished.

Copyright and Trademark Information

© ATCC 2023. All rights reserved.

ATCC is a registered trademark of the American Type Culture Collection.

PBR322 (PST)/HLA-DR-BETA-B Plasmid in Escherichia

39163

Revision

This information on this document was last updated on 2022-11-07

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
