pDP122B

39736™

Description

Organism: Influenza A virus
Clone type: Clone
Host: *Escherichia coli* RR1; K-12 RR1
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:
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.

Storage Conditions

Product format: Frozen

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): 7.2999999999999998
Type of DNA: cDNA
Insert strain: A/PR/8/34
Genome: influenza virus
Gene name: hemagglutinin
Gene product: hemagglutinin
Contains complete coding sequence: Unknown
Insert end: PstI

Vector Information

Construct size (kb): 13.30000019073486
Intact vector size: 5.996
Vector name: pBR325
Type of vector: plasmid
Host range: *Escherichia coli*
Vector end: PstI
Cloning sites: AatII; AsuII; AvaI; ClaI; HgiEII; HindIII; Tth111I; BamHI; EcoRI; EcoRV; MstI-

Cm; NcoI; PstI; PvuI; SalI; SphI; XmaIII; XmnI
Markers: cmlR; ampR; tetR
Replicon: pMB1

Growth Conditions

Medium:
ATCC Medium 1675: LB Agar/Broth (1065) w/ 10ug/ml Chloramphenicol
Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): PstI--5.3, 4.1, 3.75; EcoRI--7.7, 3.9, 2.45; BamHI--12.0, 1.55.
- ATCC staff

The order of fragments is as follows: PstI-BamHI (vaccinia)--2 kb; BamHI-BamHI (influenza)--1.78 kb; BamHI-PstI (vaccinia)--3.5 kb. The 2.0 kb BamHI fragment also contains an AvaI site and an EcoRI site.
- personal communication

This was constructed by inserting a 5.5 kb PstI fragment from vaccinia into pBR325 (modified to remove the BamHI site). A 1.8 kb HindIII fragment encoding hemagglutinin was linkered with BamHI and inserted into a BamHI site of the vaccinia insert.
- 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: pDP122B (ATCC 39736)

References

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

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