pBS39 [BSY90]

53255™

Description

Organism: *Staphylococcus aureus* subsp.*aureus* bacteriophage P1
Clone type: Clone
Host: *Escherichia coli* DH1
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:
4,959,317
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

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

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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: genomic
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Insert 5' end: XhoI
Insert 3' end: SalI
Cross references: DNA Seq. Acc.: X03453
Genome: bacteriophage P1
Target gene: recombinase, site-specific
Gene name: recombinase, site-specific
Gene product: recombinase, site-specific [cre]
Gene symbol: cre
Contains complete coding sequence: Unknown

Vector Information

Vector name: unknown
Type of vector: plasmid

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Host range: *Saccharomyces cerevisiae*; *Escherichia coli*
Vector end: SalI; XhoI
Markers: ampR; URA3

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): SalI/XhoI--4.1 (doublet), 1.5; SalI--9.6; XhoI--5.5, 4.1.
- ATCC staff

Permits inducible expression of cre in S. cerevisiae regulated by the GAL1 promoter. The order of the major features in this plasmid is: ampR - GAL1 promoter - cre - URA3 - ARS1 - CEN4.
- U.S. Pat. 4,959,317 dated Sept. 25, 1990

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBS39 [BSY90] (ATCC 53255)

References

References and other information relating to this material are available at

www.atcc.org.

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Revision

This information on this document was last updated on 2025-08-24

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