



pSH209 [SH021]

68476™

Description

Organism: *Mannheimia haemolytica* (Newsom and Cross) Angen et al.

Clone type: Clone

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Patent number:

5,336,491

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.

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): 17.600000000000001

Type of DNA: genomic

Target gene: leukotoxin; leukotoxin secretion

Gene product: leukotoxin [lktA]

Vector Information

Construct size (kb): 20.79998970031738

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSH209 [SH021] (ATCC 68476)

References

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

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