



pBSL130

87145™

Product Sheet

Description

Organism: R100.1

Clone type: Vector

Host: *Escherichia coli* DH5

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

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 (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): 2

Type of DNA: genomic

Insert information:

Cross references: DNA Seq. Acc.: M60473

Genome: R100.1

Target gene: omega-aadA1

Gene name: omega-aadA1

Gene product: omega-aadA1

Contains complete coding sequence: Yes

Insert end: mLul

Vector Information

Construct size (kb): 5.034999847412109

Intact vector size: 3.100

Vector name: sBSL98

Type of vector: phagemid

Construction: pBluescript

Host range: *Escherichia coli*

Vector end: mLul

Coding sequence: aadA (spcR, strR)

Markers: strR; spcR; ampR

MCS: KpnI...SacI mLul, ->; mLul KpnI...SacI, ->

Polylinker sites: KpnI; ApaI; XhoI; SalI; ClaI; HindIII; EcoRV; EcoRI; PstI; SmaI; BamHI;

SpeI; XbaI; NotI/EagI; BstXI; SacII; SacI; mLul

Promoters: *In vitro* transcription: T7 (phi10)

Replicon: pMB1; f1, ←

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): mLuI--3.0, 2.0; EcoRI--2.8, 2.1; BamHI--2.8, 2.1. Plasmid containing an easily purified spcR (strR) cassette (flanked by direct repeats of the a multiple cloning sequence) for use in construction.

- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBSL130 (ATCC 87145)

References

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

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