



pGBM2

87498™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

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.

Vector Information

Construct size (kb): 4.046000003814697

Intact vector size: 4.046

Vector name: pGBM2 (plasmid)

Type of vector: plasmid

Construction: pSC101, pUC18 MCS

Host range: *Escherichia coli*

Cloning sites: HindIII; SphI; PstI; Sall; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Markers: strR; spcR

MCS: HindIII...EcoRI

Polylinker sites: HindIII; SphI; PstI; Sall; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Replicon: pSC101

Growth Conditions

Medium:

ATCC Medium 1639: LB medium (ATCC medium 1065) with 50 ug/ml spectinomycin

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BglI--2.9, 1.1;

Avall--3.4, 0.6; XbaI--4.0. Recommendation for verification: XbaI--4.05;

SacI--4.05; BglI--2.94, 1.11; Avall--3.41, 0.64.

- ATCC staff

The vector can be used whenever it is necessary to maintain two plasmids within the same cell.

- Gene 186: 197-200, 1997

ATCC 87497 and 87498 differ in multiple cloning sites.

- Gene 186: 197-200, 1997

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pGBM2 (ATCC 87498)

References

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

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