



pBSV2

87806™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli* DH5alpha

Deposited As: *Borrelia burgdorferi* Johnson et al. emend. Baranton et al.

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.

Vector Information

Construct size (kb): 6.400000095367432

Intact vector size: 6.400

Vector name: pBSV2 (plasmid)

Type of vector: plasmid

Construction: pCR-XL-TOPO

Vector information:

Other unique sites: NcoI SfiI SpeI

Cloning sites: NotI; SacI; EcoRI; KpnI; BamHI; XbaI; SalI; PstI; SphI; HindIII; NotI

Markers: kanR; zeoR

Polylinker sites: NotI; SacI; EcoRI; KpnI; BamHI; XbaI; SalI; PstI; SphI; HindIII; NotI

Primer site: M13 (forward, reverse)

Promoters: lacZalpha

Replicon: ColE1, ORFs

Growth Conditions

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--6.4;

EcoRI--4.2, 2.2; HindIII--6.4.

- ATCC staff

The plasmid pBSV2 is a shuttle vector capable of moving between E. coli and the Lyme disease spirochete, *Borrelia burgdorferi*.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBSV2 (ATCC 87806)

References

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

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