



pBBR1Tp

87448™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli* DH5alpha

Storage Conditions

Product format: Frozen

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): 5.314

Intact vector size: 5.314

Vector name: pBBR1Tp (plasmid)

Type of vector: plasmid

Construction: pBBR1MCS, tmpR

Host range: broad host range

Cloning sites: KpnI; Apal; XhoI; Sall; ClaI; HindIII; EcoRV; PstI; SmaI; BamHI; SpeI; XbaI; BstXI; SacII; SacI

Coding sequence: MOB, <-, 5148-799; REP, ->, 1793-2455; MOB; REP

Markers: tmpR

MCS: SacI...KpnI, ->, 3220-3322

Polylinker sites: KpnI; Apal; XhoI; Sall; ClaI; HindIII; EcoRV; EcoRI; PstI; SmaI; BamHI; SpeI; XbaI; BstXI; SacII; SacI

Growth Conditions

Medium:

ATCC Medium 2031: LB + 1.5 mg/ml trimethoprim

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): PstI--5.4;

EcoRI--4.0, 0.64, 0.8; PvuII--2.4, 1.35, 1.1, 0.4

- ATCC staff

Broad host range cloning vector allowing blue/white color detection of recominants and carrying the trimethoprim resistance gene as a selectable

marker.

- BioTechniques 20: 762-764, 1996

Plasmid is compatible with multiple replicons and can be transferred to other gram-negative bacteria by conjugation when the RK2 transfer functions are provided in trans.

- BioTechniques 20: 762-764, 1996

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBBR1Tp (ATCC 87448)

References

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

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