



pK19mob

87096™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli* S17-1

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): 3.759999990463257

Intact vector size: 3.760

Vector name: pK19mob (plasmid)

Type of vector: plasmid

Construction: pK19, pSUP102 (RP4 mob)

Host range: *Escherichia coli*; *Salmonella* sp.; *Serratia* sp.

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

Insert detection: lacZ', ->

Markers: kanR

MCS: HindIII...EcoRI, ->

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

Replicon: oriT; oriV

Growth Conditions

Medium:

ATCC Medium 1236: LB Medium (ATCC medium 1065) with 25 mcg/ml kanamycin

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--3.8;

HindIII--3.8; PstI--3.8.

- ATCC staff

Cloning vector allowing mobilization into a wide range of Gram- and Gram+ bacteria.

- Gene 145: 69-73, 1994

After mobilization, the plasmid can be maintained by integration into the host chromosome via homologous recombination.

- Gene 145: 69-73, 1994

Differs from pK18mob (ATCC 87095) only in the orientation of the polylinker.

- Gene 145: 69-73, 1994

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pK19mob (ATCC 87096)

References

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

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