



pAKA16

87100™

Description

This is a shuttle vector that can be mobilized by conjugation between *E. coli* and *Pasteurella haemolytica*. It was constructed by ligating a 979 bp ApaLI fragment from pIC20H (which contains lacZalpha, MCS, and lacI?PO) to ApaLI ? digested pPH843. The unique Bsp1286I is located within the ori(P).

Clone type: Vector

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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): 5.300000190734863

Vector name: pAKA16 (plasmid)

Type of vector: plasmid

Construction: pPH843, pIC20H

Vector information:

other: mob

Insert detection: lacZ'

Markers: ampR

MCS: HindIII/SphI/PstI/.../NruI/HindIII

Replicon: ori(P)

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the vector gave the following sizes (in kb): EcoRI 5.3 ; BamHI 5.3 ; PstI 3.5, 1.75.

ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pAKA16 (ATCC 87100)

References

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

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