



pJA70

77258TM

Product Sheet

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

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Certificate of Analysis



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Vector Information

Construct size (kb): 5.078000068664551

Intact vector size: 5.078

Vector name: pJA70 (plasmid)

Type of vector: plasmid

Construction: pUC, Tn903

Host range: *Saccharomyces cerevisiae*; *Candida robusta*; *Escherichia coli*

Centromere: CEN6

Cloning sites: SacI; SacII; NotI; XbaI; SpeI; BamHI; SmaI; EcoRI; EcoRV; ClaI; SalI; XbaI; ApaI

Insert detection: lacZ'

Markers: HIS3; kanR

Polylinker sites: SacI; BstXI; SacII; EagI; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; SalI; XbaI; ApaI; KpnI

Promoters: lac

Replicon: pMB1, ARSH4; pMB1, ARSH4

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): PstI--2.2, 1.8, 1.2; HindIII--3.1, 1.9, 0.2; KpnI--2.9, 2.1; EcoRI--5.1.

- ATCC staff



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YC-type shuttle vector that can be used with the Tn3-based transposition system developed in Heffron's laboratory. Permits visual detection of recombinants by the lacZalpha complementation system. The order of the major features in this plasmid is: lacZ'/MCS - CEN6 - ARS H4 - HIS3 - kanR - pMB1 ori.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pJA70 (ATCC 77258)

References

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

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