



pJC40

87114™

Description

This is a high copy number expression vector (T7-based) that can be used for preparation of nested deletions. It also encodes an amino-terminal histidine sequence of 10 residues and a factor Xa cleavage site allowing purification of a recombinant gene product by metal chelate chromatography and removal of the amino terminus.

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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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): 2.400000095367432

Vector name: pJC40 (plasmid)

Type of vector: plasmid

Construction: pJC20, pET16b

Vector information:

other: Factor Xa cleavage site

other: poly (His) 10

MCS: NdeI...ApaI

Promoters: Expression: T7 (phi10)

Replicon: pMB1

Ribosome-binding site: Shine-Dalgarno sequence

Terminator: T phi

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRI 2.4 ;XbaI

2.4 ; HindIII/PvuI 1.5, 0.8.

ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pJC40 (ATCC 87114)

References

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

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