



pT7SC

77410™

Description

This is an expression vector permitting complete repression of transcription before induction. It's useful for cloning product that may be toxic to the host.

Clone type: Vector

Host: *Escherichia coli* XL1-Blue

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

Vector name: pT7SC (plasmid)

Type of vector: plasmid

Construction: pT7-7

Markers: ampR

Promoters: T7 (phi10)

Replicon: pMB1

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): HindIII 4.1;

EcoRI/HindIII 4.1 : EcoRI/BglI 2.9, 1.2 : Aval 4.1 ; EcoRI/PvuI 2.6, 1.5.

ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pT7SC (ATCC 77410)

References

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

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