



pSV3-dhfr plasmid in *Escherichia coli*

37147™

Description

An expression construct that confers selective advantage to mammalian cell lines grown in the presence of methotrexate. This vector was created by cloning the large T antigen from SV40 into pSV2-dhfr.

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 8.4

Vector name: pSV3-dhfr (plasmid)

Type of vector: plasmid

Construction: pBR322, SV40, mouse

Vector information: other: SV40 large T antigen

Markers: mtxR; ampR

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 vector gave the following sizes (in kb): HindIII – 4.4, 2.1, 1.2, 0.6 ; EcoRI – 8.4 ; PstI – 6.0, 1.4, 1.0.

-ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSV3-dhfr plasmid in *Escherichia coli* (ATCC 37147)

References

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

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