pSV2-neo plasmid in *Escherichia coli*

37149™

Description

This vector provides a dominant selectable marker, G418 resistance, in mammalian cell lines.

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

Patent depository: This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

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Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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): 5.729
Vector name: pSV2-neo (plasmid)
Type of vector: plasmid
Construction: SV40, Tn5, pBR322
Markers: G418R; ampR
Promoters: SV40 early
Replicon: SV40; pMB1
Restriction sites: HindIII

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): BamHI – 5.8 ; EcoRI – 5.8 ; PvuII – 4.2, 0.74, 0.61, 0.36 ; PstI – 2.45, 1.40, 0.94 (doublet).
-ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSV2-neo plasmid in *Escherichia coli* (ATCC 37149)

References

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

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