





Product Sheet

pSV3-neo (ATCC® 37150™)

Please read this **FIRST**



Storage Temp.
Store at -80°C



Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: (ATCC® 37150™)

Shipping Information

Frozen *Escherichia coli* HB101 containing the plasmid.

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Vector that provides dominant selectable marker for resistance to antibiotic G418 in mammalian cell lines. Restriction digests of the vector gave the following sizes (kb) : EcoRI-8.6 ; HindIII-4.6, 3.1, 1.4, 0.64 ; PvuII-4.0, 2.1, 1.1, 0.74, 0.64, 0.37.

Depositors: Paul Berg, Biochemistry Department Stanford University Medical Center

Applications: Shuttle vector, Expression vector

Designation: pSV3-neo

Vector Information

Intact vector size: 8.60 kb

Type of vector: plasmid

Cloning sites: EcoRI PvuII

Construction: SV40, Tn5, pBR322

Host range: vertebrate cells; *Escherichia coli*

Features:

marker(s): ampR, G418R

promoter: SV40 early, pBR322

replicon: pMB1

Selectable markers: ampicillin (*E. coli*), G418 (mammalian cell lines)

Propagation

LB +ampicillin (50 µg/mL) at 37°C

Growth Conditions

Temperature: 37°C

Medium

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

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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This product is sent with the condition that you are responsible for its safe storage, handling, and use.



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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org


Additional information on this culture is available on the ATCC web site at www.atcc.org.

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