



pJCV (1-4) 45027™

Product Sheet

Description

The circular JC virus was linearized with BamHI and clobned into the BamHI site of pBR322.

Organism: JC polyomavirus

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Shipping information: *Escherichia coli* containing the plasmid in glycerol stock

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 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local 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.

Insert Information

Insert size (kb): 5

Type of DNA: Genomic

Insert source: JC virus MAD-1

Insert information:

Source: JC virus MAD-1

Insert ends: BamHI

Insert end: BamHI

Vector Information

Construct size (kb): 9.30

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Vector information: Insert site: BamHI

Markers: ampR; tetR

Growth Conditions

Medium:

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

Temperature: 37°C

Handling Procedures

Transfer a loopful to a test tube containing 5 mL LB+50 µg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pJCV (1-4) (ATCC 45027)

References

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

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