



pBKV (35-1)

45026™

Product Sheet

Description

Organism: BK polyomavirus, BK Virus

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 4.9630000000000001

Type of DNA: genomic

Insert strain: MM

Insert information:

Cross references: DNA Seq. Acc.: J02039

Genome: BK virus

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 9.30

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Vector end: BamHI

Vector information: Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

Markers: ampR

Replicon: pMB1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

The entire viral genome was isolated from an infected human brain. BK virus was linearized with BamHI before cloning.

- personal communication

ORIGINAL SOURCE: Lysate of infected tissue culture cells. Entire genomic DNA linearized at BamHI site into BamHI site of pBR322

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBKV (35-1) (ATCC 45026)

References

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

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