





Product Sheet

JC virus type 8A

Please read this FIRST



Storage Temp.
-20°C or colder



Biosafety Level
2

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: *JC virus type 8A* (ATCC® VRMC-24™)

Shipping Information

Vial contains ≥200 ng of DNA

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

This construct is a full length clone of the JC virus inserted into the pCR2.1 vector.

Designation: pJCPNG-Ag [molecular clone of JC polyomavirus, JC virus]

Notes

Restriction digests of the clone gave the following sizes (in kb): BamHI – 5.1, 3.9 PstI – 7.0, 1.1, 0.95 ; EcoRI – 3.9, 2.6, 2.5.

–ATCC Staff

Distributed In

E. coli

Insert Information

Insert size (kb): 5.1

Gene: JC virus, type 8A, strain 803A

DNA: genomic DNA

Genbank accession: AF281625

Insert ends: BamHI

Vector Information

Total size of construct (kb): 9.021

Marker: ampR, kanR

Excise insert: BamHI

Vector: pCR2.1

Vector type: plasmid

Vector size (kb): 3.9

Markers: ampR, kanR

Vector ends: BamHI

Propagation

Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 µg/mL of ampicillin agar. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

References

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

Biosafety Level: 2

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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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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