pCFH

PVMC-6™

Description

Organism: Beet curly top virus
Clone type: Clone
Deposited As: Beet curly top virus

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

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): 2.927
Insert source: beet severe curly top virus
Insert strain: CFH
Insert tissue: beet severe curly top virus

Vector Information

Construct size (kb): 5.99
Construction: Plasmid constructed by inserting 2927 bp EcoRI linearized viral dsDNA into EcoRI site of pUC8vector.

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Handling Procedures

Rehydrate plasmid with water or TE buffer. 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.

Notes

Formerly known as Beet curly top virus-CFH. The clone is infectious.

ATCC sample contains 50 µg of purified plasmid DNA in TE buffer (50 &micrp;L)

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCFH (ATCC PVMC-6)

References

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

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor