



pCSF25/5

45139™

Product Sheet

Description

Organism: chloris striate mosaic geminivirus (CSMV)

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

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): 2.75

Insert source: DNA from infected grass (*Dactyloctenium australe*)

Insert tissue: DNA from infected grass (*Dactyloctenium australe*)

Vector Information

Construct size (kb): 5.40

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--2.75, 2.7; KpnI--4.9, 0.5; PstI--3.15, 1.4, 0.87; SacI--5.4.

The insert contains the following restriction sites (approximate kb from a BamHI site): EcoRI--2.17; KpnI--0.23, 0.69; PstI--0.42, 1.32; SacI--0.94.

Features of the virus occupy the following positions: LIR--(2-233); SIR--(1376-1579); ORF 33.1--(2750-1867); ORF 15.8--(1987-1580); ORF 26.8--(658-1335); ORF 14.5--(234-1375).

Constructed by linearizing the viral ds DNA at the unique BamHI site (nt 351) within the ORF encoding a 14.5 kDa protein.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCSF25/5 (ATCC 45139)

References

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

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