

pSP65:TPMV #6 [full-length clone of tomato planta macho viroid]

45052TM

Description

Organism: Tomato planta macho viroid

Clone type: Clone

Host: *Escherichia coli* RR1

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

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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): 0.3599999999999999

Type of DNA: cDNA

Genome: tomato planta macho viroid

Gene name: genome, full-length

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 3.36

Intact vector size: 3.010

Vector name: pSP65

Type of vector: plasmid

Vector end: BamHI

Vector information: Excise insert: BamHI

Cloning sites: HindIII; PstI; Sall; Accl; Hincll; XbaI; BamHI; Aval; Smal; SacI; EcoRI

Enhancer: none

Markers: ampR

Polylinker sites: HindIII; PstI; Sall; Accl; Hincll; XbaI; BamHI; Aval; Smal; SacI; EcoRI

Promoters: SP6

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

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

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Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--3.1, 0.36; HindIII--3.4; EcoRI--3.4.

- ATCC staff

Full-length (360 bp) TPMV cDNA with BamHI ends was cloned into BamHI of pSP65.

Constructed by R.W. Hammond. The insert contains an internal Sall site. EcoRI + Sall or HindIII + Sall are diagnostic for the insert orientation. Noninfectious unless TPMV cDNA insert is released by BamHI. To use as a template, plasmid must be linearized with HindIII.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSP65:TPMV #6 [full-length clone of tomato planta macho viroid] (ATCC 45052)

References

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

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