



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

45052™

## Description

**Organism:** Tomato planta macho viroid

**Clone type:** Clone

**Host:** *Escherichia coli* RR1

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## Storage Conditions

**Product format:** Freeze-dried

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## 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.

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## 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.

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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](http://www.atcc.org).

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### Insert Information

**Insert size (kb):** 0.35999999999999999

**Type of DNA:** cDNA

**Genome:** tomato planta macho viroid

**Gene name:** genome, full-length

**Contains complete coding sequence:** Unknown

**Insert end:** BamHI

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### 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; HincII; XbaI; BamHI; Aval; SmaI; SacI; EcoRI

**Enhancer:** none

**Markers:** ampR

**Polylinker sites:** HindIII; PstI; Sall; Accl; HincII; XbaI; BamHI; Aval; SmaI; SacI; EcoRI

**Promoters:** SP6

**Replicon:** pMB1

**Terminator:** none

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### Growth Conditions

**Medium:**

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

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Temperature: 37°C

Product Sheet

## 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](http://www.atcc.org).

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