



Product Sheet

## full-length infectious clone of TBSV (ATCC® PVMC-49™)

### Tomato bushy stunt virus

Please read this **FIRST**



#### 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: *Tomato bushy stunt virus* (ATCC® PVMC-49™)

American Type Culture Collection  
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Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### Description

**Designation:** full-length infectious clone of TBSV

#### Notes

Vials contain 0.3ug/ul purified plasmid DNA in 50ul of TE buffer. To synthesize *in vitro* Infectious transcripts digest plasmid with Sma1 and use T 7 polymerase for transcription.

#### Insert Information

DNA: cDNA  
Insert lengths(kb): 4.800000190734863

#### Vector Information

Construct size (kb): 7.5  
**Construction of the clone:** cDNA of viral genome cloned into Sma1 linearized pUC-18.

#### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

#### Biosafety Level: 1

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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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