



Product Sheet

# Tomato spotted wilt virus (ATCC® PVAS-730nSM™)

Please read this FIRST

Storage Temp.

Biosafety Level  
1

## 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 spotted wilt virus (ATCC® PVAS-730nSM™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Strain:** antiserum to nSM gene of TSWV strain L3  
**Depositor:** UB Gunasinghe

## Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

## Propagation

**Propagation Host:**  
**Test Animal Used:** Rabbit

## Comments

nSM gene of L3 isolate of TSWV expressed using vector pET28a and bacteria E.coli HMS174 (DE3) and protein purified using His- column. Antiserum produces against recombinant protein using rabbits. The crude serum was crossed absorbed with lysed bacteria and IgG purified using Protein A column. Antiserum is frozen and contain 50% glycerol. Recommended titer for Western blotting is 1:5000.

## 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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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

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