



Product Sheet

pSP98 (ATCC® PVMC-25™)

tomato yellow leaf curl bigeminivirus

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 yellow leaf curl bigeminivirus* (ATCC® PVMC-25™)

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: pSP98

Notes

Vials contain freeze-dried *Agrobacterium tumefaciens* LBD 4404. Reconstitute in LB with Kanamycin and grow for 24-48 hrs at 28 °C.

Insert Information

DNA: genomic
Insert lengths(kb): 2.700000047683716

Vector Information

Construct size (kb): 15.0
Construction of the clone: A 1.8mer partial tandem repeat of the genome of M-TYLCV-Sar into binary vector pBin19.
DESCRIPTION OF VECTOR COMPONENT:
Name of vector: Bin 19
Intact vector size: 10.000
Type of vector: plasmid
Vector end: SmaI
Vector end: SmaI
Cloning sites: BamHI EcoRI HindIII
Polylinker sites: BamHI EcoRI HindIII SmaI Sall KpnI XbaI SstI
Construction: pRK252, pTIT7, pTIT37
Host range: *Agrobacterium tumefaciens*; higher plants; *Escherichia coli*
Features (with orientation and position when available):
insert detection: lacZ'
marker(s): kanR
replicon: RK2
Cross references:

Propagation

Growth Conditions
Temperature: 28.0°C

References

References and other information relating to this product are available online at 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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While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

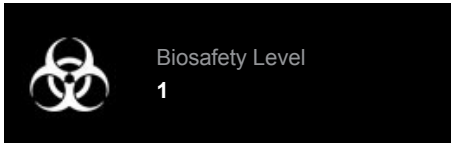
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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