



Product Sheet

pSP65:pUAS14#4 plasmid in *E. coli* (ATCC® 45117™)

Apple scar skin viroid

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: *Apple scar skin viroid* (ATCC® 45117™)

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: pSP65:pUAS14#4 plasmid in *E. coli*

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--3.0, 0.3; PstI--3.3; BglI--3.3; HindIII--3.3.
- ATCC staff

Derived from nucleotides 286 to 228 in the sequence of the circular viroid. If the plasmid is linearized with PstI or HindIII, transcription with SP6 polymerase will generate the complement (minus strand).
- personal communication

Distributed In

Escherichia coli

Insert Information

Genome: apple scar skin viroid (ASSV)
Genomic copy number: unique
Contains complete coding sequence?: U
Type of DNA: cDNA
Insert end: EcoRI
Insert end: EcoRI
Insert size (kb): 0.274
Cross references: DNA Seq. Acc.: M36646

Vector Information

Name of construct: pSP65:pUAS14#4
Excise insert: EcoRI
Size of construct (kb): 3.3
Markers: ampR
Name of vector: pSP65
Intact vector size: 3.010
Type of vector: plasmid
Vector end: EcoRI
Cloning sites: HindIII PstI Sall Accl HincII XbaI BamHI Aval SmaI SacI EcoRI
Polylinker sites: HindIII PstI Sall Accl HincII XbaI BamHI Aval SmaI SacI EcoRI
Host range: *Escherichia coli*

Features (with orientation and position when available):

enhancer: none
marker(s): ampR
promoter: SP6
replicon: pMB1
terminator: none

Propagation

Growth Conditions

Temperature: 37°C

Medium

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

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.



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Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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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

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

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