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

45117™

Description

Organism: Apple scar skin viroid
Clone type: Clone
Host: *Escherichia coli*

Storage Conditions

Product format: Freeze-dried

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.

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.

Insert Information

Insert size (kb): 0.27400000000000002
Type of DNA: cDNA
Insert information:
Genomic copy number: unique
Cross references: DNA Seq. Acc.: M36646
Genome: apple scar skin viroid (ASSV)
Contains complete coding sequence: Unknown
Insert end: EcoRI

Vector Information

Construct size (kb): 3.3
Intact vector size: 3.010
Vector name: pSP65
Type of vector: plasmid
Vector end: EcoRI
Vector information: Excise insert: EcoRI
Cloning sites: HindIII; PstI; SalI; AccI; HincII; XbaI; BamHI; AvaI; SmaI; SacI; EcoRI
Enhancer: none
Markers: ampR
Polylinker sites: HindIII; PstI; SalI; AccI; HincII; XbaI; BamHI; AvaI; SmaI; SacI; EcoRI
Promoters: SP6
Replicon: pMB1
Terminator: none

Growth Conditions

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Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSP65:pUAS14#4 plasmid in *E. coli* (ATCC 45117)

References

References and other information relating to this material are available at www.atcc.org.

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