



pWE1

87671™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Vector Information

Construct size (kb): 6.859000205993652

Intact vector size: 6.859

Vector name: pWE1 (phagemid)

Type of vector: phagemid

Host range: mammalian cells

Cloning sites: HindIII; BspMI; PstI; XbaI; BamHI; EcoRI

Enhancer: SV40, 1099-1242

Markers: GPT; ampR

MCS: HindIII...ApaI, →, 1-63

Polylinker sites: HindIII; BspMI; PstI; Sall; AccI; XbaI; BamHI; Aval; XmaI; SmaI; EcoRI; ApaI

Promoters: *In vitro* transcription: SP6

Replicon: SV40, 1266-1401; pMB1, ←, 3636-3636; f1 ori, →, 5385-5841

Terminator: SV40 polyadenylation

Growth Conditions

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--6.8;

Sall--3.7, 3.3.

- ATCC staff

One of a series of vectors (ATCC 87671 - 87674) that allows simultaneous,

high-level expression of multiple cDNA sequences in mammalian cells. A kit of all four vectors is also available (ATCC 87678).

- Biotechniques 23: 402-407, 1997

Each cDNA inserted into one of this series of vectors is regulated by an identical transcription unit, but each vector permits different selection to be applied to different subunits.

- Biotechniques 23: 402-407, 1997

Having identical cloning sites also facilitates shuttling cDNAs from one vector to another.

- Biotechniques 23: 402-407, 1997

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pWE1 (ATCC 87671)

References

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

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