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; SalI; AccI; XbaI; BamHI; AvaI; 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;
SalI--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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Revision

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor