



# PORF1 Plasmid in *Escherichia coli*

39147™

## Description

**Clone type:** Vector

**Host:** *Escherichia coli* MH3000; MH 3000

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**Patent number:**

4,753,873

**Technical information:** ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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## Storage Conditions

**Product format:** Freeze-dried

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## Intended Use

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## BSL 1

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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](http://www.atcc.org).

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## Vector Information

**Construct size (kb):** 6.739999771118164

**Vector name:** pORF1 (plasmid)

**Construction:** pMLB1034, pMLB841

**Enhancer:** none

**Markers:** ampR

**Promoters:** ompF

**Replicon:** pMB1

**Terminator:** none

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## Notes

Requires as host MH 3000 (ATCC 35468) for viability and TK 1046 (ATCC 35467) for protein expression. An expression vector for cytoplasmic export of a cloned gene product by formation of a fusion protein with the ompF signal sequence.

- Proc. Natl. Acad. Sci. USA 80: 4432-4436, 1983

.patent

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PORF1 Plasmid in *Escherichia coli* (ATCC 39147)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

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