



# PPVL134 Plasmid in *Escherichia coli*

39181™

## Description

**Organism:** *Phaseolus vulgaris* Linnaeus, bean

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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**Patent number:**

4,771,002

**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

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.

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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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## Insert Information

**Insert size (kb):** 0.9399999999999995

**Type of DNA:** cDNA

**Insert source:** cotyledon

**Insert tissue:** cotyledon

**Insert information:**

Cross references: DNA Seq. Acc.: J01261

**Genome:** Phaseolus vulgaris

**Gene name:** lectin

**Gene product:** lectin

**Contains complete coding sequence:** Unknown

**Insert end:** Modification: GC tails

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## Vector Information

**Construct size (kb):** 5.300000190734863

**Intact vector size:** 4.363

# PPVL134 Plasmid in *Escherichia coli*

39181

Product Sheet

**Vector name:** pBR322

**Type of vector:** plasmid

**Construction:** pBR313

**Host range:** *Escherichia coli*

**Vector end:** PstI

**Vector information:**

Cross references: DNA Seq. Acc.: J01749

**Cloning sites:** EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI; Styl; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

**Markers:** ampR; tetR

**Replicon:** pMB1

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## Growth Conditions

**Medium:**

ATCC Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): PstI--4.65, 0.93; EcoRI--5.4; BamHI--5.4.

- ATCC staff

Contains the complete coding sequence with 5' and 3' flanking sequences. The 2 polyadenylation signals overlap.

- Mol. Cell. Biol. 9: 4074-4078, 1989

This probe detects mRNA of 5.2, 3.1, and 1.1 kb.

- Nucleic Acids Res. 10: 7819-7828, 1982

.patent

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PPVL134 Plasmid in *Escherichia coli* (ATCC 39181)

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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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