



# pPZP-RCS1

## MBA-38™

### Description

This is the plant transformation vector pPZP200 (Hajdukiewicz P. et al. 1994. Plant Mol. Biol. 25: 989-994.) to which the following rare cutters have been added to the polylinker between the EcoRI/HindIII sites:

EcoRI - SrfI - SgfI - Sse3871 - P1-TliI - P1-PspI - I-CeuI - I-SceI - PacI - I-PpoI - AscI  
- SwaI - HindIII

The bom site of pBR322 is present for mobilization from *Escherichia coli* to *Agrobacterium*. It also contains both the colE1 origin of replication for *E. coli* and the pVS1 origin of replication for *Agrobacterium*.

Restriction digests of the vector gave the following results (in kb): EcoRI--8.0; PstI--8.0; Bgl I--2.8, 2.0, 1.0, 0.5 according to the ATCC Molecular Genomics team.

**Clone type:** Vector

**Shipping information:** *Escherichia coli* DH5α containing the plasmid

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### Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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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### Vector Information

**Vector name:** pPZP-RCS1 (plasmid)

**Type of vector:** expression

**Construction:** pPZP200

**Markers:** strR; spcR

**Terminator:** pPZP200

**Transcription terminator:** pPZP200

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pPZP-RCS1 (ATCC MBA-38)

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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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