



# p426 GAL1 plasmid in *E. coli*

87333™

## Description

This vector is one of 32 yeast expression vector (ATCC 87318 ? 87349) differing in promoter, selection marker and replicon. This vector has the GAL1 promoter, URA3 yeast selection marker and the 2 micron replicon. It is a high copy number shuttle expression vector with expression from the galactokinase (GAL1) promoter tightly repressed by glucose and strongly induced by galactose.

**Clone type:** Vector

**Shipping information:** *Escherichia coli* containing the plasmid in glycerol stock

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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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and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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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):** 6.417

**Vector name:** p426 GAL1 (plasmid)

**Type of vector:** plasmid

**Construction:** pRS426 (ATCC 77107), GAL1 promoter

**Markers:** ampR; URA3

**MCS:** XhoI...XpeI

**Promoters:** Expression: GAL1

**Replicon:** 2 micron

**Terminator:** CYC1

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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

Restriction digests of the clone gave the following sizes (in kb): SacI/XbaI 3.2, 2.8, 0.5 ; EcoRI 6.4 ; KpnI 6.4. ATCC Staff

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: p426 GAL1 plasmid in E. coli (ATCC 87333)

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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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## p426 GAL1 plasmid in *E. coli* 87333

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