



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

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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

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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): 6.417

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

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

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)

References

References and other information relating to this material are available at www.atcc.org.

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Product Sheet

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