



p425 TEF

87367™

Description

This is a high copy number shuttle expression vector. It is one of 32 yeast expression vectors (ATCC 87354 - ATCC 87385) differing in promoter (GPD, TEF, ADH, CYC1), selection marker (HIS3, TRP1, LEU2, URA3) and replicon (CEN6/ARSH4, 2 micron). This vector has the TEF promoter, LEU2 marker and 2 micron replicon.

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

Shipping information: *Escherichia coli* containing the plasmid

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 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): 7.482

Vector name: p425 TEF (plasmid)

Type of vector: plasmid

Construction: pRS425

Markers: LEU2; ampR

MCS: XhoI...SpeI

Promoters: Expression: TEF

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): BamHI 7.8; EcoRI 5.0, 2.4; SacI/XbaI 3.8, 3.2, 0.42. ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: p425 TEF (ATCC 87367)

References

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

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