



# p413 ADH

## 87370™

### Description

This is a low copy number shuttle expression vector. One of 32 yeast expression vectors (ATCC#87354-87385) differing in promoter (GPD, TEF, ADH, CYC1), selection marker (HIS3, TRP1, LEU2, URA3) and replicon (CEN6/ARSH4, 2 micron). This plasmid, p413 ADH, has the ADH promoter, the HIS3 marker and the CEN6/ARSH4 replicon. The wild type ADH promoter is active when cells are grown in glucose media but can be repressed 2-10 fold on non-fermentable carbon sources.

**Clone type:** Vector

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

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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):** 6.696

**Vector name:** p413 ADH (plasmid)

**Type of vector:** plasmid

**Construction:** pRS413

**Markers:** HIS3; ampR

**MCS:** XhoI...XbaI

**Promoters:** Expression: ADH

**Replicon:** CEN6/ARSH4

**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): BamHI 6.8 ; XhoI 6.8 ; SacI/XbaI 5.2, 1.6. 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: p413 ADH (ATCC 87370)

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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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