

87811<sup>TM</sup>

## Description

ADH promoter-containing vector for PCR-based genetic modification in *Saccharomyces cerevisiae*. The marker and promoter are flanked by the F4 primer site (5?) and the R6 primer site (3?). The size of the F4/R6 PCR product should be 1849 nt. It contains a functional truncated (700 nt) ADH promoter immediately upstream of the BNI4 gene. The promoter is not down regulated during the exponential phase. Overexpression of BNI4p causes cells to grow with multiple, elongated buds. The sequence of the F4 primer is: 5? ? (gene-specific sequence) GAATTCGAGCTCGTTTAAAC? 3?.The sequence of the R6 primer is: 5? ? (gene-specific sequence)

Clone type: Vector Deposited As: E. coli

Shipping information: Escherichia coli containing the plasmid

## **Storage Conditions**

**Product format:** Frozen

Storage conditions: 2°C to 8°C

#### 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<sub>1</sub>



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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.

#### **Vector Information**

Construct size (kb): 4.492000102996826

#### **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): BglII 4.4; Sall/BglII 3.6, 0.8; EcoRI 4.4. ATCC Staff

#### **Material Citation**



If use of this material results in a scientific publication, please cite the material in the following manner: pFa6a-HIS3MX6-PADH1 (ATCC 87811)

#### References

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

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#### Revision

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#### **Contact Information**

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor

