



pACT2 [pACTII] 87006™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli*

Storage Conditions

Product format: Freeze-dried

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): 7.550000190734863

Intact vector size: 7.550

Vector name: pACT2 (plasmid)

Type of vector: plasmid

Construction: pSE1107 (pACT1)

Host range: *Saccharomyces cerevisiae*; *Candida robusta*; *Escherichia coli*

Vector information:

other: GAL4 activation domain, ->

epitope tag: hemagglutinin (HA), ->

other: GAL4 activation domain

epitope tag: hemagglutinin (HA)

Cloning sites: NcoI; SfiI; SmaI; BamHI; EcoRI; XhoI; BglII

Markers: LEU2; ampR

MCS: BglII/NdeI...BglII, ->

Polylinker sites: NdeI; NcoI; SfiI; SmaI; BamHI; EcoRI; XhoI; BglII

Promoters: ADC1 (ADH)

Replicon: 2 micron; pMB1

Terminator: ADC1

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 give the following sizes (kb): EcoRI--7.6;

BamHI--7.6; BglII--7.5.

- ATCC staff

Shuttle expression vector used to create fusion proteins consisting of the nuclear localization sequence from SV40 T antigen, the GAL4 activation domain (aa 768-881) and a HA (hemagglutinin) epitope tag in frame with the activation domain.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pACT2 [pACTII] (ATCC 87006)

References

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

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