



Product Sheet

pACT2 [pACTII] (ATCC® 87006™)

Please read this **FIRST**



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: pACT2 [pACTII] (ATCC® 87006™)

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: pACT2 [pACTII]

Distribution Host:

Distribution host: Escherichia coli

Propagation

Growth Conditions

Temperature: 37.0°C

Medium

ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Vector Information

Size (kb): 7.5500001907348630

DESCRIPTION OF VECTOR:

Intact vector size: 7.550

Type of vector: plasmid

Cloning sites: NcoI SfiI SmaI BamHI EcoRI XhoI BglII

Polylinker sites: NdeI NcoI SfiI SmaI BamHI EcoRI XhoI BglII

Construction: pSE1107 (pACT1)

Host range: Saccharomyces cerevisiae/Candida robusta; Escherichia coli

Features (with orientation and position when available):

promoter: ADC1 (ADH), ->

other: GAL4 activation domain, ->

epitope tag: hemagglutinin (HA), ->

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

terminator: ADC1

marker(s): LEU2, <-

replicon: 2 micron

marker(s): ampR

replicon: pMB1

Vector: pACT2 (plasmid)

Promoters: Promoter ADC1 (ADH)

Construction: pSE1107 (pACT1)

Marker(s): LEU2, ampR

Construct size (kb): 7.550000190734863

Features: marker(s): LEU2

marker(s): ampR

other: GAL4 activation domain

promoter: ADC1 (ADH)

replicon: 2 micron

replicon: pMB1

MCS: BglII/NdeI...BglII

terminator: ADC1

epitope tag: hemagglutinin (HA)

References

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

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.

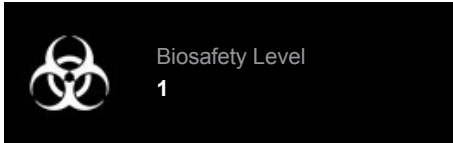
- personal communication



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Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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