



# pXC33

## 86994™

### Description

**Organism:** *Bos taurus*, cow

**Clone type:** Vector

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### Storage Conditions

**Product format:** Freeze-dried

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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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### 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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### Insert Information

**Insert size (kb):** 0.6999999999999996

**Type of DNA:** cDNA

**Insert source:** brain

**Insert tissue:** brain

**Gene product:** [14-3-3]

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### Vector Information

**Construct size (kb):** 5.777999877929688

**Vector name:** pXC33 (plasmid)

**Type of vector:** plasmid

**Construction:** pXC24, oligo cassette

**Vector information:**

restriction site: 5' PacI site

spacer sequence: ATTAATTAAT

**Coding sequence:** 14-3-3

**Enhancer:** T7 gene 10

**Initiation codon:** ATG

**Markers:** ampR

**Promoters:** Expression: lambda PL

**Replicon:** ROP copy number control; pMB1

**Restriction sites:** HindIII; EcoRV; NheI; BamHI; PacI

**Ribosome-binding site:** Synthetic Shine-Dalgarno

**Terminator:** partially deleted lambda terminator

**Transcription terminator:** partially deleted lambda terminator

**Translational enhancer:** T7 gene 10

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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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**Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: pXC33 (ATCC 86994)

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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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