



pXC14

86990™

Description

Organism: *Bos taurus*, cow

Clone type: Vector

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

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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.

Insert Information

Insert size (kb): 0.6999999999999996

Type of DNA: cDNA

Insert source: brain

Insert tissue: brain

Gene product: [14-3-3]

Vector Information

Construct size (kb): 5.836999893188477

Vector name: pXC14 (plasmid)

Type of vector: plasmid

Construction: pJL6, bovine cDNA

Vector information:

spacer sequence: TACTTACAT

restriction site: 5' ClaI site

Coding sequence: 14-3-3

Initiation codon: ATG

Markers: ampR

Promoters: Expression: lambda PL

Replicon: ROP copy number control; pMB1

Restriction sites: HindIII; EcoRV; NheI; BamHI; Sall; ClaI

Ribosome-binding site: Shine-Dalgarno sequence

Terminator: partially deleted lambda R1 terminator

Transcription terminator: partially deleted lambda R1 terminator

Growth Conditions

Medium:

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

Temperature: 37°C

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pXC14 (ATCC 86990)

References

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

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