



pCGE21 [CGE24] 31929™

Product Sheet

Description

Clone type: Clone

Host: *Escherichia coli* BNN45

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Patent number:

4,666,847

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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.

Insert Information

Insert size (kb): 1.3700000000000001

Type of DNA: cDNA

Genome: bovine

Target gene: prorennin A

Gene name: prorennin A

Gene product: prorennin A(prochymosin)

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 3.670000076293945

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: PvuII

Vector information:

Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

Markers: ampR; tetR

Replicon: pMB1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Insert contains EcoRI and PstI sites and is oriented such that the lac promoter drives expression of the protein product. Constructed from pBR322 (PvuII/EcoRI), a 95 bp EcoRI/PvuII fragment containing the lac promoter, and preprorennin sequences from f1 phages 293-207 and 293-118/37 (0.37 kb BglII/EcoRI and 1.0 kb HindIII fragments).

- personal communication

.patent

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCGE21 [CGE24] (ATCC 31929)

References

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

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