



PCHP-1 Plasmid in *Escherichia coli*

39839™

Description

Organism: *Cricetus cricetus*, hamster

Clone type: Clone

Host: *Escherichia coli* JM83; K-12 strain JM83

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Patent number:

4,912,039

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.

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Product format: Freeze-dried

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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.

Insert Information

Insert size (kb): 0.5999999999999998

Type of DNA: cDNA

Insert source: CHRB30 cell line (drug resistant)

Insert tissue: CHRB30 cell line (drug resistant)

Genome: hamster

Chromosome: 7

7 q21

Gene name: P glycoprotein 1/multiple drug resistance 1

Gene product: P glycoprotein 1/multiple drug resistance 1 [mdr]

Gene symbol: PGY1

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 3.299999952316284

Intact vector size: 2.700

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Product Sheet

Vector name: pUC9

Type of vector: plasmid

Construction: pUC71K

Host range: *Escherichia coli*

Vector end: EcoRI

Vector information:

Cross references: DNA Seq. Acc.: L09128

Cloning sites: HindIII; PstI; SalI; Accl; HincII; BamHI; SmaI; XmaI; EcoRI; HaeIII

Insert detection: lacZ'

Markers: ampR

Polylinker sites: HindIII; PstI; SalI; Accl; HincII; BamHI; SmaI; XmaI; EcoRI; HaeIII

Replicon: pMB1

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--2.7, 0.6;
BamHI--3.3.

- ATCC staff

This probe encodes a portion of the conserved cytoplasmic carboxy terminal domain of PGY1.

- GDB

.tail_inf

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PCHP-1 Plasmid in *Escherichia coli* (ATCC 39839)

References

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

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