



PHG23 Plasmid in *Escherichia coli* RR1

39900™

Description

Clone type: Clone

Host: *Escherichia coli* RR1

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Patent number:

5,032,676

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

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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): 0.6999999999999996

Type of DNA: cDNA

Insert source: T-cells, peripheral blood lymphocytes

Insert tissue: T-cells, peripheral blood lymphocytes

Insert information: Genomic copy number: unique

Genome: human

Chromosome: 5

5 q23-q31

Gene name: colony stimulating factor 2 (granulocyte-macrophage)

Gene product: colony stimulating factor 2 (granulocyte-macrophage) [CSF2]

Gene symbol: CSF2

Contains complete coding sequence: Unknown

Insert end: Modification: GC tails

Vector Information

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Construct size (kb): 5.0999999904632568

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: PstI

Vector information:

Cross references: DNA Seq. Acc.: J01749

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

Markers: ampR; tetR

Replicon: pMB1

Growth Conditions

Medium:

ATCC Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.1;

BglI--2.4, 1.9, 0.6, 0.3; Aval--5.1; SalI--5.1.

- ATCC staff

Insert corresponds to nucleotides 39-743 of the published sequence with minor nucleotide differences in the 3' noncoding region. Insert does not contain the initiator AUG. Insert was C-tailed and cloned into the G-tailed PstI site of pBR322. The number of G/C pairs at each end of cDNA is unknown but is <50.

- personal communication

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PHG23 Plasmid in *Escherichia coli* RR1 (ATCC 39900)

References

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

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Revision

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