

80044TM

Description

Organism: Homo sapiens, human

Clone type: Clone

Host: Escherichia coli HB101 (ATCC 33694)

Storage Conditions

Product format: Frozen

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.

BSL₁

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



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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): 2
Type of DNA: cDNA

Insert source: liver, HepG2 cell line **Insert tissue:** liver, HepG2 cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: X52479

Genome: Homo sapiens

Chromosome: 17

17 q22-q24

Target gene: protein kinase C, alpha Gene name: protein kinase C, alpha

Gene product: protein kinase C, alpha [PKCA]

Gene symbol: PRKCA; PKCA

Contains complete coding sequence: Yes

Insert end: Spel

Vector Information

Construct size (kb): 16.0 Intact vector size: 14.000 Vector name: pBlueBac Type of vector: phagemid Host range: insect cells

Vector end: Nhel Cloning sites: Nhel Insert detection: lac Markers: ampR

Promoters: polyhedrin



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Replicon: pMB1; f1; SV40

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): BamHI--10.0, 3.5, 1.3, 1.1, 0.25; BgII--5.8, 5.4, 2.2, 1.6, 1.2; NcoI--16.0; PstI--15.0, 0.65; PvuII--3.3, 2.5 (doublet), 2.3, 1.6, 1.4, 1.2, 0.75, 0.35.

- ATCC staff

Contains the complete coding sequence only (nt 28-2046 of GenBank X52479). The Nhel/Spel sites were destroyed during cloning.

- personal communication

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--0.56, 0.77; BgII--0.94; NcoI--1.15; PstI--0.15; PvuII--1.21, 1.93; SmaI--0.02.

- Nucleic Acids Res. 18: 2183, 1990

More information may be available from ATCC (http://www.atcc.org or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: pBlueBac/PKC-alpha (ATCC 80044)

References

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

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