



pBlueBac/PKCdelta

80049™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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): 2.1000000000000001

Type of DNA: cDNA

Insert source: liver, HepG2 cell line

Insert tissue: liver, HepG2 cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: L07860

Genome: human

Chromosome: 3

3

Target gene: protein kinase C, delta

Gene name: protein kinase C, delta

Gene product: protein kinase C, delta [PRKCD]

Gene symbol: PRKCD

Contains complete coding sequence: Yes

Insert end: Modification: NheI linkers

Vector Information

Construct size (kb): 16.10000038146973

Intact vector size: 14.000

Vector name: pBlueBac

Type of vector: phagemid

Host range: insect cells

Vector end: NheI

Cloning sites: NheI

Insert detection: lac

Markers: ampR

Promoters: polyhedrin

Replicon: pMB1; f1; SV40

Notes

Restriction digests of the clone give the following sizes (kb): NheI--14.0, 2.1; BglI--5.6, 5.4, 2.2, 1.8, 1.2; HindIII--8.8, 4.0, 1.3, 1.1, 1.0; NcoI--14.0, 1.25, 0.5, 0.35; PstI--14.0, 1.1, 0.55, 0.3.

- ATCC staff

Contains the complete coding sequence, and begins at the initiation codon (nt 59 of the sequence record).

- Biochim. Biophys. Acta 1174: 171-181, 1993

Insert contains the following restriction sites (approximate kb from the 5' end): BglI--1.13; BglII--1.01; HindIII--0.85; NcoI--1.18, 1.64, 1.96; PstI--0.05, 0.33, 1.39; Sall--0.17.

- Biochim. Biophys. Acta 1174: 171-181, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBlueBac/PKCdelta (ATCC 80049)

References

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

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