



pPD39

79807™

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

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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): 0.33000000000000002

Type of DNA: genomic

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: repetitive

Cross references: DNA Seq. Acc.: U02043

Genome: Homo sapiens

Gene name: Alu consensus sequence, repetitive

Gene product: Alu consensus sequence, repetitive

Contains complete coding sequence: Unknown

Insert end: Modification: BamHI linkers

Vector Information

Construct size (kb): 3.299999952316284

Intact vector size: 2.964

Vector name: pBluescript KS+

Type of vector: phagemid

Construction: pUC19

Host range: *Escherichia coli*

Vector end: BamHI

Cloning sites: SacII; XmaI; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII;

Clal; Sall HincII Accl; XhoI; DraI; ApaI; KpnI

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Polylinker sites: SEE COMMENTS

Promoters: lac; T3; T7

Replicon: pMB1; f1

Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--3.0, 0.4; PvuI--2.3, 1.1; SacI--3.4; PvuII--2.6, 0.8; KpnI--3.4.

- ATCC staff

A perfect HS consensus sequence (HSC3N1) modified at the ends (4 bp and 24 bp) for cloning. Hybridizes efficiently to a few Alu sequences in a mouse cell background at 52C in 50% formamide, with a wash at 61C. Because the sequence is closer to consensus than BLUR8, it matches rodent B1 family better with an increase in rodent background.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pPD39 (ATCC 79807)

References

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

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