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

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): 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; XmaII; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; SalI HincII AccI; XhoI; DraII; 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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Revision

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