pHU10 plasmid in *E. coli*

57002™

Description

This clone contains a 2.8 kb human genomic DNA fragment cloned into the HindIII site of pBR322. The insert fragment maps to chromosome 13q12.3; D13S6. An unpublished RFLP is detected by this probe when genomic DNA is digested with EcoRI. The published RFLP is revealed with XmnI. A multiple site polymorphism is detected with XmnI and EcoRI, with a common band of 6.0 and alleles of 8.5 and 10 kb.

Organism: *Homo sapiens*, human
Clone type: Vector
Host: *Escherichia coli* K12
Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

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): 2.7999999999999998
Insert information:
Gene: DNA segment, single copy
Insert end: HindIII

Vector Information

Vector name: pBR322
Markers: cmlR; kanR; ampR; URA3

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 gave the following sizes (in kb): HindIII - 4.4, 2.8 ; PstI - 7.2.
-ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pHU10 plasmid in *E. coli* (ATCC 57002)

References

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

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