



222C5L

79769™

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

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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): 1.6000000000000001

Type of DNA: genomic

Insert information:

Genomic copy number: unique

Genome: Homo sapiens

Chromosome: X

X p21

Gene name: DNA Segment, single copy

Gene product: DNA Segment, single copy [DXS1034]

Gene symbol: DXS1034

Contains complete coding sequence: Unknown

Insert end: Modification: blunt ended

Vector Information

Construct size (kb): 4.5

Intact vector size: 2.900

Vector name: pTZ19R

Type of vector: phagemid

Construction: pUC19, Escherichia coli lacZalpha, pBR322, f1

Host range: *Escherichia coli*

Vector end: SmaI

Cloning sites: HindIII; SphI; PstI; Sall; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Polylinker sites: HindIII; SphI; PstI; Sall; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Promoters: lac; T7

Replicon: pMB1; f1

Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb):

BamHI/EcoRI--2.9, 1.0, 0.5; PstI/SacI--2.9, 1.6; BglI--3.1, 1.4; HindIII--4.2, 0.25; PstI--4.5; Pvull--2.6, 1.8.

- ATCC staff

Maps to YACs 222C5, 472F10, A1F2, and A210H4.

- Genomics 16: 407-416, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 222C5L (ATCC 79769)

References

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

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