



pYNB3.1

79094™

Product Sheet

Description

Detects:

Genome: *Homo sapiens*

Gene symbol: D7S372

Type of nucleic acid: genomic

Restriction enzyme: *RsaI*

Number of alleles: 2

Type of polymorphism: site

Maximum heterozygosity (%): 41

Alleles:

Allele Freq. Size (kb) Strains

R1 0.29 3.8

R2 0.71 2.4, 1.4

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 4

Type of DNA: genomic

Insert information:

Genomic copy number: unique

Genome: Homo sapiens

Chromosome: 7

7 q35-qter

Gene name: DNA Segment, single copy

Gene product: DNA Segment, single copy [D7S372]

Gene symbol: D7S372

Alleles: R1, R2

Contains complete coding sequence: Unknown

Insert end: RsaI

Vector Information

Construct size (kb): 6.699999809265137**Intact vector size:** 2.686**Vector name:** pUC18**Type of vector:** plasmid**Construction:** pUC71K**Host range:** *Escherichia coli***Vector end:** HincII**Vector information:**

Cross references: DNA Seq. Acc.: L08752

Cloning sites: HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI**Insert detection:** lacZ', <-**Markers:** ampR**MCS:** HindIII...EcoRI, ->**Polylinker sites:** HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI**Promoters:** lac**Replicon:** pMB1, <-

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 give the following sizes (kb):

EcoRI/HindIII--2.8, 2.7, 1.3; BamHI--3.0, 1.9, 1.9; EcoRI--6.7; HindIII--5.5, 1.3; PstI--2.8, 1.5, 1.3, 0.8, 0.4.

- ATCC staff

Enzymes(s) not detecting polymorphism: MspI, TaqI.

- personal communication

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pYNB3.1 (ATCC 79094)

References

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

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