



# pKKA40

## 79103™

Product Sheet

### Description

Detects:

Genome: *Homo sapiens*

Gene symbol: D9S31

Type of nucleic acid: genomic

Restriction enzyme: PvuII

Number of alleles: 3

Type of polymorphism: VNTR

Maximum heterozygosity (%): 55

Alleles:

Allele Freq. Size (kb) Strains

A1 0.34 1.8

A2 0.57 1.7

A3 0.09 1.5

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Shipping information:** Rehydrate with TE

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### Storage Conditions

**Product format:** Freeze-dried

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### 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.

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## 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.

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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](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 3.5

**Type of DNA:** genomic

**Insert information:**

Genomic copy number: unique

**Genome:** Homo sapiens

**Chromosome:** 9

9 q34

**Gene name:** DNA Segment, single copy

**Gene product:** DNA Segment, single copy [D9S31]

**Gene symbol:** D9S31

**Alleles:** A1, A2, A3

**Contains complete coding sequence:** Unknown

**Insert end:** PstI

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## Vector Information

**Construct size (kb):** 6.199999809265137

**Intact vector size:** 2.686

**Vector name:** pUC18

**Type of vector:** plasmid

**Construction:** pUC71K

**Host range:** *Escherichia coli*

**Vector end:** PstI

**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, <-

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## Notes

Restriction digests of the clone give the following sizes (kb): PstI--3.2, 2.7,

0.3; BamHI--6.2; EcoRI--4.7, 1.5; HindIII--6.2; PvuII--3.4, 2.5, 0.4.

- ATCC staff

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pKKA40 (ATCC 79103)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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