



# BLUR8 [pPD8]

79990™

## Description

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

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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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):** 0.27500000000000002

**Type of DNA:** genomic

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: repetitive

Cross references: DNA Seq. Acc.: J00091

**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

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### Vector Information

**Construct size (kb):** 4.639999866485596

**Intact vector size:** 4.363

**Vector name:** pBR322

**Type of vector:** plasmid

**Construction:** pBR313

**Host range:** *Escherichia coli*

**Vector end:** BamHI

**Vector information:**

Cross references: DNA Seq. Acc.: J01749

**Cloning sites:** EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; Sall; XmaIII; NruI; BspMI; BsmI;

StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

**Markers:** ampR; tetR

**Replicon:** pMB1

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### Growth Conditions

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**Medium:**

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

**Temperature:** 37°C

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### Notes

EcoRI--4.7; HindIII--4.7; BamHI--4.4, 0.27; PvuII--4.7; PstI--4.7.

- ATCC staff

Because of the BamHI linkers (CCGGATCCGG), the size of the excised fragment is 275 bp, with 265 bp representing the Alu repeat. Consists of a head to tail dimer of approximately 130 bp with an insert of 31 bp in the right half as compared to the left. There is a 22% mismatch between BLUR8 and the average Alu family sequence (cf. GenBank accession J00092).

- personal communication

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

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: BLUR8 [pPD8] (ATCC 79990)

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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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