



# EC-AM1 [AM1, ECAM1]

39629™

## Description

**Organism:** Hepatitis B virus, Hepatitis B virus

**Clone type:** Clone

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

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**Patent number:**

4,666,848

**Technical information:** ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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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

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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):** 1.8500000000000001

**Type of DNA:** genomic

**Genome:** Hepatitis B virus

**Gene name:** core antigen; X antigen; X gene product

**Gene product:** X antigen; X gene product [cAg]

**Gene symbol:** cAg; xAg

**Contains complete coding sequence:** Unknown

**Insert end:** BamHI

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## Vector Information

**Construct size (kb):** 6.210000038146973

**Intact vector size:** 4.363

**Vector name:** pBR322

**Type of vector:** plasmid

**Construction:** pBR313

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**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; Styl; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII**Markers:** ampR; tetR**Replicon:** pMB1

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### Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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### Notes

Restriction digests of the clone give the following sizes (kb): BamHI--4.4, 1.8; HindIII--6.2; EcoRI--6.2.

- ATCC staff

The insert extends from the BamHI site at 1400 of the hepatitis B virus map to the BamHI site at 28. EC-AM1 (ATCC 39629) and SVAM191 (ATCC 40103, 39631) contain the same BamHI fragment of hepatitis B virus.

- U.S. Pat. 4,942,125 dated July 17, 1990

.patent

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: EC-AM1 [AM1, ECAM1] (ATCC 39629)

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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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## Revision

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## Contact Information

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