



# pHER2-436-1 purified plasmid DNA

59297™

## Description

This is the 5' EcoRI fragment of lambdaHER2-436 which begins about 150 bp upstream of the initiation codon and encodes the first 433 amino acids - including the signal sequence and 4 potential glycosylation sites

**Clone type:** Clone

**Shipping information:** Purified plasmid DNA

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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):** 1.45

**Insert information:**

**Gene:** Avian erythroblastic leukemia viral (v-erb-b2) oncogene homolog 2  
(neuro/glioblastoma derived oncogene homolog, ERBB2)

**Source:** Human

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## Vector Information

**Construct size (kb):** 4.2

**Intact vector size:** 2.7

**Vector name:** pUC12

**Type of vector:** plasmid

**Vector information:** Excise Insert: ExoRI or SalI

**Markers:** ampR

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## Handling Procedures

Rehydrate plasmid with water or TE buffer. Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 µg/mL of ampicillin agar. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

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## Notes

Restriction digests of the clone gave the following sizes (in kb): BamHI - 4.1, 0.4 ;  
EcoRI - 2.7, 1.5 ; HindIII - 4.3 ; PstI - 3.1, 1.0, + 2 smaller ; Sall - 2.7, 1.5 ; SacI - 2.65, 1.5.

-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: pHER2-436-1 purified plasmid DNA (ATCC 59297)

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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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Product Sheet

## Revision

This information on this document was last updated on 2024-10-24

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