



pHER2-436-1 purified plasmid DNA

59297TM

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

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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

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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.

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

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 Sall

Markers: ampR

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 ; SalI - 2.7, 1.5 ; SacI - 2.65, 1.5.
-ATCC Staff

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)

References

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

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