



RATAOGEN

87105™

Product Sheet

Description

Organism: *Rattus norvegicus*, rat

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

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

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.

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): 1.6000000000000001

Type of DNA: cDNA

Insert source: kidney, male

Insert strain: Sprague-Dawley

Insert tissue: kidney, male

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: M12112

DNA Seq. Acc.: M12113

Genome: rat

Gene name: angiotensinogen

Gene product: angiotensinogen(angiotensin) [AGT]

Gene symbol: AGT

Contains complete coding sequence: Yes

Insert end: EcoRI linker Modification: blunted

Vector Information

Construct size (kb): 4.300000190734863

Intact vector size: 3.000

Vector name: pGEM-4Z

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: SmaI

Cloning sites: EcoRI; SacI; KpnI; Aval; SmaI; BamHI; XbaI; Sall; AccI; HincII; PstI; SphI; HindIII

Enhancer: none

Insert detection: lacZ'

Markers: ampR

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Polylinker sites: EcoRI; SacI; KpnI; Aval; SmaI; BamHI; XbaI; SalI; AclI; HincII; PstI; SphI; HindIII

Promoters: lac; SP6; T7

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb):

EcoRI/HindIII--2.7, 1.6; BamHI--3.0, 0.75, 0.5; HindIII--4.3.

- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: RATAOGEN (ATCC 87105)

References

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

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