



pHUGP13 [pGEM4-HUGP-13]

95658™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* DH5alpha

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): 2.1909999999999998

Type of DNA: cDNA

Insert source: placenta

Insert tissue: placenta

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: M15182

Nucleotides 1-2191 of the insert correspond to nucleotides 1-2191 of M15182.

Genome: Homo sapiens

Chromosome: 7

7 q22

Gene name: glucuronidase, beta

Gene product: glucuronidase, beta(beta-glucuronidase) [GUSB]

Gene symbol: GUSB

Contains complete coding sequence: Yes

Insert end: EcoRI

Vector Information

Construct size (kb): 5.199999809265137

Intact vector size: 2.870

Vector name: pGEM-4

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: EcoRI

Vector information:

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95658

Product Sheet

Cross references: DNA Seq. Acc.: X65303

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

Markers: ampR

MCS: EcoRI...HindIII, ->

Polylinker sites: HindIII; SphI; PstI; Sall; Accl; HincII; XbaI; BamHI; Aval; SmaI; KpnI; SacI; EcoRI

Promoters: T7; SP6

Replicon: pMB1

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): BamHI--3.5, 1.1, 0.72; BamHI/HindIII--3.5, 1.1, 0.72; EcoRI--2.9, 2.3; HindIII--5.2; PstI--3.6, 0.88; 0.62.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): NotI--0.2; PstI--0.1, 0.67, 1.58; BamHI--1.0, 1.68.

- GenBank/EMBL/DDBJ

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pHUGP13 [pGEM4-HUGP-13] (ATCC 95658)

References

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

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