phamSREBP-1

87012™

Description

Organism: *Cricetulus griseus*, hamster, Chinese
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): 3.83
Type of DNA: cDNA
Insert source: CHO cell line
Insert tissue: CHO cell line
Insert information:
Cross references: DNA Seq. Acc.: U09103; Nucleotides 1-3816 of the insert correspond to nucleotides 1-3816 of U09103.
Genome: hamster, Chinese
Gene name: sterol regulatory element binding protein-1
Gene symbol: SREBP1*
Contains complete coding sequence: Unknown
Insert end: /strong> Modification: NotI adapter; Modification: SalI linker

Vector Information

Intact vector size: 2.96
Vector name: pBluescript KS+
Type of vector: phagemid
Construction: pUC19
Host range: *Escherichia coli*
Vector end: SalI; NotI
Cloning sites: SacII; XmaII; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; SalI; HincII; AccI; XhoI; DraII; ApaI; KpnI
Enhancer: none
Insert detection: lacZ'
Markers: ampR
Promoters: lac; T3; T7
Replicon: pMB1; f1
Terminator: none

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Handling Procedures

Asceptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 µL to a test tube containing 5 mL LB+50 µg/mL of ampicillin. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of the clone give the following sizes (kb): SalI/NotI--4.2, 3.0; EcoRI--7.3; HindIII--7.3; PstI--4.4, 1.15, 0.9, 0.4, 0.3; PvuI--5.8, 1.1, 0.4.
- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: phamSREBP-1 (ATCC 87012)

References

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

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Revision

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