



pSREBP-1a

79811™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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

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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): 4.2000000000000002

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: U00968

Genome: Homo sapiens

Chromosome: 17

Gene name: sterol regulatory element binding transcription factor 1

Gene product: sterol regulatory element binding transcription factor 1(SREBF1 sterol regulatory element binding transcription factor 1, SREBP1, sterol regulatory element binding protein-1) [SREBF1]

Gene symbol: SREBF1; SREBP1A

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 7.099999904632568

Intact vector size: 2.961

Vector name: pBluescript II SK+

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: EcoRI; Sall

Cloning sites: BssHII; KpnI; ApaI; DraI; XhoI; HincII; AclI; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Insert detection: lacZ'

Markers: ampR

Polylinker sites: BssHII; KpnI; ApaI; DraI; XhoI; HincII; AclI; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Replicon: pMB1; f1

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Notes

Restriction digests of the clone give the following sizes (kb): BamHI/Sall--4.2, 3.2; EcoRI--4.3, 2.9; KpnI--6.0, 1.1, 0.4; EcoRI/Sall--2.8, 2.7, 1.5; SacI--6.0, 0.7, 0.5.

- ATCC staff

Restriction digests of the clone give the following sizes (kb): EcoRI--4.4, 2.7; KpnI--5.6, 1.2, 0.34; BamHI/Sall--4.2, 2.9; EcoRI/Sall--2.9, 2.7, 1.5; EcoRI--Eco47III--4.4, 1.5, 1.2. The insert contains the following restriction sites (kb from the 5' end): Eco47III--1.174; EcoRI--2.668; KpnI--2.685, 3.021. Constructed with an EcoRI linker at the 5' end and an EcoRI(NotI) adaptor at the 3' end.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSREBP-1a (ATCC 79811)

References

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

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