



pCMV-SREBP1c-436

99636™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Deposited As: human

Storage Conditions

Product format: Frozen

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): 1.3999999999999999

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

factor 1

Cross references: DNA Seq. Acc.: S66167S1

Genome: Homo sapiens

Chromosome: 17

17 p11.2-p11.2

Target gene: sterol regulatory element binding transcription factor 1

Gene name: SREBF1 sterol regulatory element binding transcription

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

Contains complete coding sequence: No

Insert end: Sall-blunted

Vector Information

Construct size (kb): 6.300000190734863

Intact vector size: 4.900

Vector name: pCMV7

Type of vector: phagemid

Vector end: SmaI

Cloning sites: PstI; Sall; XbaI; BamHI; SmaI

Coding sequence: hGH

Enhancer: N701; SV40

Markers: ampR

MCS: PstI...SmaI

Polylinker sites: PstI; Sall; XbaI; BamHI; SmaI

Promoters: CMV

Replicon: f1, <-

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--6.3;

Sall--4.9, 1.4; PstI--5.8, 0.35, 0.33; PstI/XbaI--4.9, 0.9, 0.5; XbaI--6.3.

- ATCC staff

Insert encodes amino acids 1-436 of human SREBP-1c cDNA and 5' UTR.

- J. Clin. Invest. 99: 846-854, 1997

Insert sequence also corresponds to Genbank U00968.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV-SREBP1c-436 (ATCC 99636)

References

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

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Revision

This information on this document was last updated on 2024-10-25

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