



pTK-HSV-SCAP-T7

63365™

Description

Organism: *Cricetus cricetus*, hamster

Clone type: Clone

Shipping information: *Escherichia coli* HB101 containing the construct

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): 3.8

Type of DNA: cDNA

Insert information:

Cross references: DNA Seq. Acc.: U67060

Genome: hamster

Gene product: SREBP cleavage-activating protein [SCAP*]

Gene symbol: SCAP*

Contains complete coding sequence: No

Vector Information

Construct size (kb): 10.0

Intact vector size: 6.0

Vector name: pTK-HSV/T7

Type of vector: phagemid

Host range: mammalian cells

Vector end: ClaI; NdeI

Vector information: Excise insert: ClaI+NdeI

Promoter giving sense strand: TK

Cloning capacity: pcDNA3, TK, HSV

promoter for expression: TK, ->

promoter for in vitro transcription: T7, ->; SP6, <-

stop codons: TAG, ->; TGA, ->

epitope tag: HSV, ->

Cloning sites: ClaI; NdeI

Initiation codon: ATG

Markers: G418R; ampR

Promoters: TK; T7; SP6

Replicon: f1, →; SV40, →; pMB1

Restriction sites: ClaI; NdeI; NotI; SpeI; NheI

Terminator: bGH polyadenylation, -->; SV40 polyadenylation, -->

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): ClaI--10.0; ClaI/NdeI--6.0, 4.0; NdeI--10.0.

- ATCC staff

Insert encodes amino acids 2-1276.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pTK-HSV-SCAP-T7 (ATCC 63365)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor