pTK-HSV-SCAP-T7(D443N)

63367™

Description

Organism: *Cricetus cricetus*, hamster
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.

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

Vector Information

Construct size (kb): 10.0
Intact vector size: 6.0
Type of vector: phagemid
Host range: mammalian cells
Vector end: ClaI; NdeI
Vector information: Cloning capacity: pcDNA3, TK, HSV
promoter for expression: TK
promoter for in vitro transcription: T7, SP6
epitope tag: HSV
stop codons: TAG
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

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.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pTK-HSV-SCAP-T7(D443N) (ATCC 63367)

References

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

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Revision

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