pMev

77227™

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): 3.3450000000000002
Type of DNA: cDNA
Insert source: MET-18b-2 cell line
Insert tissue: MET-18b-2 cell line
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Insert 5' end: SalI
Insert 3' end: NotI
Cross references: DNA Seq. Acc.: M97382
Genome: hamster, Chinese
Gene name: mevalonate transporter
Gene product: mevalonate transporter(monocarboxylate transporter 1) [MEVT*]
Gene symbol: MEVT*
Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 9.300000190734863
Intact vector size: 6.000
Vector name: Rc/CMV7S
Type of vector: plasmid
Host range: vertebrate cells
Vector end: SalI; NotI
Markers: neoR; G418R; ampR
Promoters: CMV

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): NotI/SalI--6.0, 3.3; SalI--9.3; NotI--9.3; EcoRI--6.1, 2.2; XhoI--8.0, 1.0, 0.3.
- ATCC staff

Transcription of the insert is regulated by the CMV promoter, and transcription of neoR is regulated by the SV40 early promoter. The insert contains the following restriction sites (approximate kb from the 5 ' end): SmaI--0.05, 2.9; EcoRI--2.1; XhoI--2.3. The ends of the insert were derived from linker adapters.
- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pMev (ATCC 77227)

References

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

Warranty

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Revision

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