



pCMV5FVII

79896™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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:

Genomic copy number: unique
accelerator)

Cross references: DNA Seq. Acc.: J02933

Genome: Homo sapiens

Chromosome: 13

13 q34

Target gene: coagulation factor VII (serum prothrombin conversion accelerator)

Gene name: coagulation factor VII (serum prothrombin conversion accelerator)

Gene product: coagulation factor VII (serum prothrombin conversion accelerator)
[F7]

Gene symbol: F7

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 6.0999999904632568

Intact vector size: 4.700

Vector name: pCMV5

Type of vector: phagemid

Host range: mammalian cells

Vector end: BamHI

Cloning sites: EcoRI; BamHI; HindIII

Markers: ampR

Promoters: CMV

Replicon: SV40; pMB1; f1, ←

Terminator: hGH, ->

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): BamHI--4.7, 1.4;
EcoRI/BstEII--5.8, 0.3; PstI--4.7, 0.65, 0.35 (doublet); SacI--5.0, 0.7, 0.4;
PvuII--2.5, 1.4, 1.3, 0.6, 0.25.

- ATCC staff

Bacteria may grow slowly due to high plasmid copy number. Corresponds to the wild-type sequence. Digestion with EcoRI+BstEII produces fragments of 5.75 and 0.35 kb.

- personal communication

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV5FVII (ATCC 79896)

References

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

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