



pCMV5-REP2

95676™

Product Sheet

Description

Organism: *Homo sapiens*, human

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): 2.8999999999999999

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: EcoRI

Insert 3' end: PstI

Cross references: DNA Seq. Acc.: X64728

Nucleotides 1-2221 of the insert correspond to nucleotides 83-2303 of X64728.

Genome: Homo sapiens

Chromosome: 1

1 q31-qter

Gene name: choroideremia-like

Gene product: choroideremia-like(Rab escort protein-2) [CHML]

Gene symbol: CHmL; REP-2; RESP2

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 7.5999999904632568

Intact vector size: 4.700

Vector name: pCMV5

Type of vector: phagemid

Host range: mammalian cells

Vector end: EcoRI; PstI

Vector information:

Features (with orientation and position when available):

Cross references:

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): EcoRI/PstI--4.6, 1.4, 0.9, 0.55; HindIII--6.8, 0.65; EcoRI--5.4, 1.9. Recommendation for verification: PvuII; HindIII; PstI; NcoI; HincII.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): HindIII--0.38, 1.02; PstI--0.44; NcoI--0.95; HincII--1.31.

- GenBank/EMBL/DDBJ

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV5-REP2 (ATCC 95676)

References

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

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