



pCMV5.8 79829™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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): 2.7999999999999998

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Christmas disease, hemophilia B)

Cross references: DNA Seq. Acc.: J00136

Genome: Homo sapiens

Chromosome: X

X q26.3-q27.1

Target gene: coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B)

Gene name: coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B)

Gene product: coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B) [F9]

Gene symbol: F9

Alleles: A1, A2, D2, C1, D1, C2

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 7.5

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, ->

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.0, 2.6;

BamHI--4.4, 3.0; BglII--7.8; EcoRI/BamHI--4.4, 2.4, 0.3; EcoRI/BglII--5.0, 2.6.

- ATCC staff

Bacteria may grow slowly due to high plasmid copy number. Encodes the following mutant form: K42I, Q43S, V45S. Digestion with EcoRI produces fragments of 5.0 and 2.5 kb.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV5.8 (ATCC 79829)

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