lambda2 [GC.2]

95671™

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): 18
Type of DNA: genomic
Insert source: fetal liver (ATCC 37333)
Insert tissue: fetal liver (ATCC 37333)
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Genomic copy number: unique
Cross references: DNA Seq. Acc.: L10641
Nucleotides ~1-18000 of the insert correspond to
nucleotides ~37000-55136 of L10641.
Genome: Homo sapiens
Chromosome: 4
4 q12-q13
Gene name: group-specific component (vitamin D binding protein)
Gene product: group-specific component (vitamin D binding protein)(vitamin D binding protein, vitamin D-binding alpha-globulin, group specific component) [GC]
Gene symbol: GC
Contains complete coding sequence: No
Insert end: HaeIII or AluI Modification: EcoRI linker

Vector Information

Construct size (kb): 49.0
Intact vector size: 46.000
Vector name: Charon 4A
Type of vector: phage
Host range: *Escherichia coli*
Vector end: EcoRI
Cloning sites: EcoRI
Enhancer: none

Promoters: none
Replicon: lambda
Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--19.5, 11, 9.8, 3.5, 3.3, 1.4; HindIII--19, 14, 6, 4.4, 4, 2, 0.4; BamHI--17, 11, 7.5, 5.8, 3.9, 3, 1.6, 0.5; BglII-->23, 5.8, 5, 2.15, 1.95, 1.9, 1.8, 1.4, 0.7, 0.4; SstI-->23, 15, 4, 3.8, 1.9.
- ATCC staff

Begins in intron 11 and extends into the 3' flanking region.
- Genomics 16: 751-754, 1993

ATCC 95668/95669 and 95670/95671 overlap by 11.9 kb and share an EcoRI fragment of 3.3 kb.
- Genomics 16: 751-754, 1993

Contains Alu repeats, L1 (Kpn) repeats, and a THE repeat.
- Genomics 16: 751-754, 1993

The insert contains the following restriction site (approximate kb from the 5' end): EcoRI--1.4, 4.7, 14.5; HindIII--6.6, 11.0, 15.0, 15.4, 17.4; SacI--14.6, 18.8.
- Genomics 16: 751-754, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: lambda2 [GC.2] (ATCC 95671)

References

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

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Revision

This information on this document was last updated on 2025-09-24

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