Ca9-1

79952™

Description

Organism: *Homo sapiens*, human
Clone type: Clone
Host: *Escherichia coli* ED8767

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): 35.962000000000003
Type of DNA: genomic
Insert source: lung carcinoma
Insert tissue: lung carcinoma
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Genomic copy number: unique
Genomic copy number: unique
Cross references: DNA Seq. Acc.: U07561
Nucleotides 1-35962 of the insert correspond to
nucleotides 1-35962 of U07561.
Genome: Homo sapiens
Chromosome: 9
9 q34.1
Gene name: gene X; Abelson murine leukemia viral (v-abl) oncogene homolog 1
Gene product: Abelson murine leukemia viral (v-abl) oncogene homolog 1 [ABL]
Gene symbol: ABL1; ABL
Alleles: D1, D2, D1, D2, A1, A2, B2, C1, C2, A1, A2, B1, B2, C1, C2, B1
Contains complete coding sequence: Yes
Insert end: MboI

Vector Information

Construct size (kb): 45.16299819946289
Intact vector size: 9.201
Vector name: svPHEP
Type of vector: cosmid
Host range: *Escherichia coli*
Vector end: BamHI
Vector information:

Cross references: DNA Seq. Acc.: L19900
Cloning sites: BamHI; ClaI
Markers: ampR
Polylinker sites: HindIII; ClaI; EcoRI; BamHI
Replicon: pMB1

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 30°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI-->23.0; BglII--12.0, 6.6, 6.1, 5.8, 4.6 (doublet), 4.2, 2.8, 0.52; EcoRI--8.0, 7.0, 6.6, 4.9, 4.2 (doublet), 2.65, 2.15 (doublet), 1.55 (doublet); HindIII--14.0 (doublet), 6.1, 2.55 (doublet), 2.3, 2.05, 1.15, 0.96, 0.74, 0.44; SstI--14.0, 10.5, 7.0, 5.8 (doublet), 3.8, 0.92. IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.
- ATCC staff

The insert begins 8604 nt upstream of "gene X", includes all 8 exons of that gene (through nt 18583) and continues through exon 1b (29132-29267) of ABL1. A CmL breakpoint occurs in the intergenic region.
- 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: Ca9-1 (ATCC 79952)

References

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

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Revision

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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