



cos15

79971™

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): 28.622

Type of DNA: genomic

Insert source: lung carcinoma

Insert tissue: lung carcinoma

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: U07563

Nucleotides 1-29622 of the insert correspond to nucleotides 44062-73683 of U07563.

Genome: Homo sapiens

Chromosome: 9

9 q34.1

Gene name: 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: No

Insert end: Mbol

Vector Information

Construct size (kb): 37.82300186157227

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

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--15.5, 12.5, 7.7, 3.6, 0.65; BglII--8.0, 7.7, 7.0, 4.6, 4.4, 3.1, 2.55, 2.3, 1.75, 1.5, 0.68; EcoRI--7.7 (doublet), 6.2, 3.4 (doublet), 3.1, 2.65, 2.3, 1.85, 1.15, 0.84; HindIII--9.2, 7.7, 5.7, 4.6, 3.3, 3.0, 2.65, 1.8, 1.3, 0.98; NotI-->23.0; SstI--8.0, 7.7, 4.1 (doublet), 3.4, 3.1, 2.4, 2.3, 2.0, 1.55, 1.15. 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 in intron 1a and extends into intron 8.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: cos15 (ATCC 79971)

References

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

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