



5'#2

79966™

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): 12.363

Type of DNA: genomic

Insert source: chronic myelogenous leukemia K-562 cell line

Insert tissue: chronic myelogenous leukemia K-562 cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: U07563

Nucleotides 1-12363 of the insert correspond to nucleotides 25963-38325 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: Unknown

Insert end: Mbol

Vector Information

Construct size (kb): 17.29998970031738

Intact vector size: 4.900

Vector name: pBR328

Type of vector: plasmid

Construction: pBR327 ori, pBR325 cmL

Host range: *Escherichia coli*

Vector end: BamHI

Vector information:

Cross references: DNA Seq. Acc.: L08858

Cloning sites: AatII; AsuII; Aval; ClaI; HgiEI; HindIII; Tth111I; BamHI; EcoRI; EcoRV; Ball; NcoI; NruI; PstI; PvuI; PvuII; Sall; SphI; XmaII

Markers: cmlR; ampR; tetR

Promoters: none

Replicon: pMB1

Terminator: none

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--12.0, 5.2; EcoRI--9.4, 6.8, 0.72, 0.36; HindIII--13.0, 4.4; PstI--7.0 (doublet), 3.55; PvuII--5.1, 3.8 (doublet), 1.7 (doublet), 1.55.

- ATCC staff

The insert contains part of the intron between exon 1b and exon 1a, and continues through exon 1a into intron 1a.

- 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: 5'#2 (ATCC 79966)

References

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

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Product Sheet

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